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PUBLIC HEALTH SERVICE
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VITAL STATISTICS OF THE UNITED STATES

1949

PART I

NATALITY, MORTALITY, MARRIAGE, DIVORCE, MORBIDITY, AND LIFE
TABLE DATA FOR THE UNITED STATES. GENERAL TABLES BY
PLACE OF OCCURRENCE WITH SUPPLEMENTAL TABLES
FOR HAWAII, PUERTO RICO, VIRGIN
ISLANDS, AND ALASKA

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SYMBOLS USED

	Symbols
Class or item not applicable (3 dots) -----	...
Data not available (series of dashes) -----	---
Quantity is zero, in frequency tables (1 dash) -----	-
Quantity is zero, in rate or percent tables (1 cipher) -----	0
If rate or percent is more than 0, but less than 0.05 -----	0.0
If both frequency and population base are zero in rate or percent tables (1 dash) -----	-

VITAL STATISTICS OF THE UNITED STATES

PART I. GEOGRAPHIC CLASSIFICATION BY PLACE OF OCCURRENCE

INTRODUCTION

This volume—Vital Statistics of the United States, Part I—contains official natality, mortality, fetal death, life table, morbidity, marriage, and divorce statistics for the calendar year 1949. Supplemental tabulations for Hawaii, Puerto Rico, the Virgin Islands, and Alaska are also included.

Except for certain text tables, the data in this volume are classified by place of occurrence of vital events. Part II of this annual report series presents detailed statistics of live births and fetal deaths by place of residence of the mother of the child, and of deaths by place of residence of the decedent.

SOURCES OF DATA

Birth, death, and fetal death statistics

All live birth, death, and fetal death tabulations made by the National Office of Vital Statistics are based on information from transcripts or microfilm copies of the original certificates. Copies are received from registration offices of all States, certain cities, the District of Columbia, and of most of the outlying territories and possessions of the United States. They cover only events occurring within these areas. Deaths of, and births to, American nationals which occur in other parts of the world are not included. The form and content of the original certificates are determined by each registration office and, therefore, vary in certain details. However, they conform very closely in most essential respects to the recommended standard certificates.

Marriage and divorce statistics

Marriage statistics for the United States are based on reports from State registration offices, local officials, the District of Columbia, and most of the outlying territories and possessions. For States or areas for which numbers of marriages are not available, numbers of marriage licenses are used as the nearest approximations to marriages. Marriage statistics on personal characteristics are based on tabulations received from the registration offices of those States which maintain central registers of marriages.

Divorce statistics for the United States are based on reports from those State registration offices which maintain central registers of divorces, from other sources in a few additional States, from the District of Columbia, and from most of the outlying territories and possessions. The number of reports received in the National Office of Vital Statistics varies from year to year. National totals are estimated.¹ Whenever reported, annulments are included in State figures.²

¹For further explanation of methods of estimating national and State figures, and sources of data, see "Summary of Marriage and Divorce Statistics: United States, 1949," National Office of Vital Statistics, *Vital Statistics—Special Reports*, vol. 36, No. 2, pp. 17, 18, 1951.

²For discussion of annulments, see "Underreporting of annulments" and table D, *ibid.*, pp. 16, 17.

Morbidity statistics

Morbidity tabulations are limited to the number of cases of certain infectious diseases which are reported to the Public Health Service by the State departments of health.

Standard Certificates of Live Birth, Death, and Fetal Death (Stillbirth)

Standard Certificates of Live Birth, Death, and Fetal Death (Stillbirth) issued by the National Office of Vital Statistics, serve as the principal means for gaining uniformity in the minimum content of the documents used to collect information on these events. They are modified in each State to the extent made necessary by the particular needs of the State or by special provisions of the State Vital Statistics Law. However, the certificates of most States conform closely, in content and arrangement, to the standard certificates.

The first issues of the Standard Certificates of Birth and Death appeared shortly before the formation of the registration areas. Since then, they have been revised periodically by the national vital statistics agency, in consultation with State health officers and registrars; Federal agencies concerned with vital statistics; national, State and county medical societies; and others working in the fields of public health, social welfare, demography, and insurance. This revision procedure has assured careful evaluation of each item in terms of its current and future usefulness for registration, identification, legal, medical, and research purposes. New items have been added when necessary, and old items have been modified to ensure better reporting or in some cases dropped when there appeared little or no possibility of their being used.

The most recent revision of the standard certificates was completed in June 1948 after extensive surveys of opinion among interested groups, concerning suggested changes. Standard certificates recommended to the States for adoption starting with 1949 and those in effect in the previous decennium are shown on pages LXIV to LXIX. In the 1949 revision the format of all three certificates was changed to a block-type design to provide more adequate space for making entries on the certificates than did the previous design and to make the certificates readily adaptable to typewriter usage—a factor of increased importance in view of the marked rise in the proportions of births and deaths occurring in institutions. Other important modifications follow:

1. On the Standard Certificate of Live Birth

a. Establishment of a "medical and health section" as an integral part of the certificate. The section is for items which are of a medical, public health, or statistical nature and would not usually be reproduced as part of a certified copy of the birth certificate. This is intended to prevent unnecessary embarrassment to the child or his parents when such facts

as illegitimacy or malformations appear on the birth records.³

The medical section is used by many States to accommodate various items including: complications of pregnancy and labor, operations for delivery, congenital malformations, birth injuries, and the use of a prophylactic drug in the baby's eyes. Prior to 1949, many States had already adopted these items and placed them in a similar section.

b. Addition of an item on birth weight and specification of length of pregnancy in weeks. These will form the basis for studies on prematurely born infants and mortality among the newborn.

c. Deletion of items on occupation and industry of mother since useful information on this subject would require more items than can be accommodated on the certificate.

d. Deletion of inquiries concerning "mother's stay before delivery, etc."; since this information is of little importance for establishing mother's residence. Time spent away from "usual place of residence" just prior to a birth is most often of very short duration.

e. Adjustments in several items to clarify them; for example—(1) change in explanatory notes to items on "place of birth" and "usual residence of mother" to help minimize errors in response that arise by confusing the rural area surrounding an urban center with the city or town itself; (2) addition of an instruction to the item "children previously born" to emphasize that only previous births are to be reported.

2. On the Standard Certificate of Death

a. Revision of the medical certification to accord with the form recommended by the World Health Organization for use with the Sixth Revision of the International Lists of Diseases and Causes of Death. Basically the form is the same as that on the standard certificate adopted in 1939. The wording has been modified to reduce ambiguity. "Immediate cause of death" has been changed to "Disease or condition directly leading to death; and "Duration" to "Interval between onset and death." Instructions for completing the medical certification are contained in the same space. The date of operation has been added to provide needed information in assigning the cause of death. A question on whether or not there was an autopsy has been substituted for "Major findings of autopsy." This item may be used in studies that compare the cause of death reported on the certificate and autopsy findings.

b. Rewording of the items describing external causes of death. These have been designed to elicit more precise information needed in accident prevention programs.

c. Adjustments in items describing "place of death" and "place of residence." The wording, instructions, and change in position of the items used in determining the place of occurrence of a death, and the place of residence of the deceased have been designed to eliminate difficulties experienced with the 1939 certificate.

d. Deletions and changes in items describing the deceased. Information concerning the spouse of the deceased has been eliminated since it has proved of little value. Birthplace of father and mother have been omitted because the interest in this item has diminished with the declining proportion of foreign-born in the population. The wording of the items on occupation, industry, age (marital status), and service in the armed forces has been changed to produce more satisfactory responses.

³See "The Confidential Nature of Birth Records, 1949," Federal Security Agency, Washington, D. C., for a comprehensive policy statement on safeguards recommended for the birth records of children born out of wedlock, children of unknown parentage, and legitimated and adopted children.

3. On the Standard Certificate of Fetal Death (Stillbirth)⁴

a. Changes in items which correspond to information collected on the birth certificate. The first 19 items require the same information and have been designed to correspond exactly to the birth certificate.

b. Simplification of medical items. The space for causes of death and complications of labor have been rearranged, and condensed to prevent needless repetition of information.

HISTORY

Birth- and death-registration areas

The first birth and death statistics published by the Federal Government concerned events in 1850 and were for the entire United States. These statistics were based on information collected during the decennial census of that year. Similar decennial collections were made by census enumerators at each census up to and including the census of 1900, but because of the time interval between the occurrence of a birth or a death and the census enumeration, these reports were inaccurate and incomplete. In 1880, the Bureau of the Census established a national "registration area" for deaths. This original area consisted of only two States—Massachusetts and New Jersey—the District of Columbia, and several large cities having efficient systems for the registration of deaths, but by 1900 eight other States had been admitted. For the years 1880, 1890, and 1900, mortality data were received from the States and cities included in this expanding area, but birth and death figures for the entire country were still compiled from the reports of census enumerators.

The annual collection of mortality statistics for the registration area began with the calendar year 1900. In 1902, the Bureau of the Census, which had previously functioned only in census years, was made a permanent agency by an act of Congress. This act authorized the Director of the Bureau of the Census to obtain, annually, copies of records filed in the vital statistics offices of those States and cities having adequate death-registration systems. At that time not all States had enacted laws requiring the registration of deaths, and in many States the existing laws were poorly enforced. The important dates in the historical development of birth and death registration in various States and the year in which each State was admitted to the national registration areas are given in table A.

The death-registration area for 1900 consisted of 10 States, the District of Columbia, and a number of cities located in non-registration States. The registration area in 1900 included 40.5 percent of the population of the continental United States. The original registration area was predominantly urban and characterized by a high proportion of white persons. If those reporting cities located in nonregistration States are excluded, the population coverage of the death-registration States is much lower, representing 26.2 percent of the total population of the United States.

Inasmuch as it is more difficult to obtain accurate and complete registration of births as compared with deaths, the national birth-registration area was not established until 1915, and no birth statistics were published by the Bureau of the Census from 1900 to 1914. The original birth-registration area of 1915 consisted of 10 States and the District of Columbia. The growth of this area is indicated in tables A and B.

⁴Since the adoption of the 1949 revision of the Standard Certificate of Stillbirth, there has been a change in terminology from "stillbirth" to "fetal death." This conforms with the recommendations of the Third World Health Assembly (May 1950).

INTRODUCTION

TABLE A.—IMPORTANT DATES IN THE HISTORY OF BIRTH AND DEATH REGISTRATION: UNITED STATES

AREA	FIRST STATE REGISTRATION LAW ENACTED		ENACTMENT OF PRES-EPIE LAW (MODEL OR CON-FORM-LING TO MODEL LAW)	RECORDS ON FILE FOR ENTIRE STATE		ADMITTED TO REGISTRATION AREA	
	Deaths	Births		Deaths and Births	Deaths	Births	Deaths	Births
	Alabama	1861	1861	1919	1908	1908	1925	1927
Arizona	1909	1909	1909	1909	1909	1926	1926
Arkansas	1861	1861	1913	1914	1914	1927	1927
California	1859	1877	1915	1905	1905	1906	1919
Colorado	1876	1876	1907	1907	1907	1906	1928
Connecticut	1852	1852	1905	1897	1897	1890	1915
Delaware	1861	1861	1913	1881	1881	1919	1921
District of Columbia	1874	1871	1907	1855	1871	1880	1915
Florida	1899	1899	1915	1877	1865	1919	1924
Georgia	1875	1823	1927	1919	1919	1928	1928
Idaho	1907	1907	1911	1911	1911	1922	1926
Illinois	1877	1877	1915	1916	1916	1918	1922
Indiana	1861	1907	1915	1900	1907	1900	1917
Iowa	1880	1880	1921	1880	1880	1923	1924
Kansas	1885	1885	1911	1911	1911	1914	1917
Kentucky	1851	1851	1911	1911	1911	1911	1917
Louisiana	1855	1855	1918	1889	1870	1918	1927
Maine	1821	1821	1892	1892	1892	1900	1915
Maryland	1880	1880	1912	1898	1898	1906	1916
Massachusetts	1840	1840	1903	1850	1850	1860	1915
Michigan	1867	1867	1925	1867	1867	1900	1915
Minnesota	1870	1870	1907	1900	1900	1910	1915
Mississippi	1878	1878	1912	1912	1912	1919	1921
Missouri	1891	1891	1909	1910	1910	1911	1927
Montana	1895	1895	1907	1907	1907	1910	1922
Nebraska	1905	1905	1927	1905	1905	1920	1920
Nevada	1911	1911	1929	1911	1911	1929	1929
New Hampshire	1850	1850	1891	1881	1881	1890	1915
New Jersey	1848	1848	1920	1848	1848	1880	1921
New Mexico	1907	1907	1929	1919	1919	1929	1929
New York	1847	1847	1913	1880	1880	1890	1915
North Carolina	1877	1877	1913	1914	1914	1916	1917
North Dakota	1899	1899	1907	1908	1908	1924	1924
Ohio	1867	1867	1908	1909	1909	1909	1917
Oklahoma	1807	1907	1917	1917	1917	1928	1928
Oregon	1903	1903	1915	1903	1903	1918	1919
Pennsylvania	1851	1851	1905	1906	1906	1906	1915
Rhode Island	1850	1850	1911	1852	1852	1890	1921
South Carolina	1878	1878	1914	1915	1915	1916	1928
South Dakota	1905	1905	1931	1905	1905	1930	1932
Tennessee	1881	1881	1913	1914	1914	1917	1927
Texas	1873	1873	1927	1903	1903	1933	1933
Utah	1898	1898	1905	1905	1905	1910	1917
Vermont	1856	1856	1906	1857	1857	1890	1915
Virginia	1853	1853	1912	1912	1912	1913	1917
Washington	1891	1891	1907	1907	1907	1909	1917
West Virginia	1866	1866	1921	1917	1917	1925	1925
Wisconsin	1852	1852	1907	1850	1840	1908	1917
Wyoming	1907	1907	1907	1909	1909	1922	1922
Hawaii	---	---	---	1896	1896	1917	1929
Puerto Rico	---	---	---	1899	1899	1932	1943
Virgin Islands	---	---	---	1919	1919	1924	1924

TABLE B.—GROWTH OF THE BIRTH- AND DEATH-REGISTRATION AREAS: UNITED STATES
(Beginning with 1933 and each succeeding year; areas include entire continental United States)

YEAR	Estimated midyear population of continental United States	BIRTH-REGISTRATION STATES			DEATH-REGISTRATION STATES		
		Number of States	Estimated midyear population		Number of States	Estimated midyear population	
			Number	Per-cent of total		Number	Per-cent of total
1933	125,576,763	48	125,576,763	100.0	48	125,576,763	100.0
1932	124,840,471	47	118,903,699	95.2	47	118,903,699	95.2
1931	124,039,648	46	117,455,229	94.7	47	118,148,987	95.3
1930	123,076,741	46	116,544,946	94.7	47	117,238,278	95.3
1929	121,769,939	46	115,317,450	94.7	46	115,317,450	94.7
1928	120,501,115	44	113,636,160	94.3	44	113,636,160	94.3
1927	119,038,062	40	104,320,830	87.6	42	107,084,532	90.0
1926	117,389,225	35	90,400,590	77.0	41	105,822,885	88.4
1925	115,631,963	33	88,294,564	76.2	40	102,031,555	88.1
1924	114,113,463	33	87,000,295	76.2	39	99,318,098	87.0
1923	111,949,945	30	81,072,123	72.4	38	96,788,197	86.5
1922	110,054,778	30	79,560,746	72.3	37	92,702,901	84.2
1921	108,541,489	27	70,807,080	65.2	34	87,814,447	80.9
1920	106,466,420	23	63,597,307	59.7	34	86,079,263	80.9
1919	104,512,110	22	61,212,076	58.6	33	83,157,922	79.6
1918	103,202,801	20	55,153,782	53.4	30	79,008,412	76.6
1917	103,265,913	20	55,197,952	53.5	27	70,234,775	68.0
1916	101,965,984	11	32,944,013	32.3	26	68,971,177	65.7
1915	100,549,015	10	31,096,697	30.9	24	61,894,847	61.6
1914	99,117,567	---	---	---	24	60,963,309	61.5
1913	97,226,814	---	---	---	23	58,156,740	59.8
1912	95,551,300	---	---	---	22	54,841,700	57.5
1911	93,667,814	---	---	---	22	53,929,644	57.5
1910	92,406,536	---	---	---	20	47,470,437	51.4
1909	90,491,525	---	---	---	18	44,223,513	48.9
1908	86,708,976	---	---	---	17	38,634,759	43.6
1907	87,000,271	---	---	---	15	34,552,937	39.7
1906	85,435,556	---	---	---	15	33,782,288	39.5
1905	83,819,666	---	---	---	10	21,767,960	26.0
1904	82,154,974	---	---	---	10	21,332,076	26.0
1903	80,633,152	---	---	---	10	20,943,222	26.0
1902	79,180,186	---	---	---	10	20,582,907	26.0
1901	77,585,128	---	---	---	10	20,237,453	26.1
1900	76,094,134	---	---	---	10	19,965,446	26.2
1890	62,947,714	---	---	---	8	19,659,440	31.2
1880	50,155,783	---	---	---	2	8,538,366	17.0

¹Population enumerated in the Federal census of May 31.

NOTE.—In every year the District of Columbia is in both areas but is not included in the "Number of States."

The gradual increase in number of both the birth- and death-registration States is shown in table B, which presents for each year through 1933 the estimated midyear population of the continental United States and the estimated midyear population of those States included in the registration system. Beginning with 1933, the birth- and death-registration areas have included all 48 States and the District of Columbia.

Prior to 1940, most of the national mortality tabulations published by the Bureau of the Census were based on data collected from the registration areas, but beginning with 1940 all published material given in statistical series for the United States prior to the completion of the death-registration area in 1933 omits data for registration cities located in nonregistration States, and includes only findings for the registration

States. This change decreases the mortality statistics coverage of the United States by the exclusion of cities in non-registration States, but it has its advantages in that more reliable population estimates are available for the registration States than for the registration areas. No change in coverage has been made for natality statistics since the birth-registration area at no time included cities in nonregistration States.

Because of the growth of the areas for which data have been collected and tabulated, a national series of geographically comparable data prior to 1933 can be obtained only by estimation. Annual estimates of births have been prepared by Mr. P. K. Whelpton for the period 1915 to 1934. (See table AA.) These estimates include an adjustment for States not in the birth-registration area prior to 1933 and for underregistration. In conjunction with annual estimates prepared by the National Office of Vital Statistics for the period 1935 through 1949, they constitute a series of data consistent with respect to geographic coverage and registration completeness. Corresponding estimates for deaths are not yet available. However, rates for the expanding groups of death-registration States are approximations to complete national rates, and general comparisons over a long period of years are made. More exact trends for parts of the United States can be secured through the use of some constant area, such as the original registration States, or the registration States of 1920. The crude birth, death, marriage, and divorce rates, infant mortality rates, maternal mortality rates, and fetal death ratios for the registration States, the geographic divisions,

and the individual States for a series of years are given in tables I through XII. Rates or ratios by place of occurrence and place of residence are given in separate tables.

Marriage and divorce data

The earliest Federal statistics on marriages and divorces in the United States were collected in a field survey by the Commissioner of Labor, covering the 20-year period 1867 to 1886. A survey covering the next 20 years, and single-year collections for 1916 and for each year from 1922 to 1932 were made by the Bureau of the Census. In all these studies, marriage statistics were confined to numbers of occurrences, by county, with considerable incompleteness for the first 20 years. Divorce data were considered practically complete, and included detailed statistics on such items as legal grounds ("causes"), duration of marriage prior to divorce, etc.

In 1940, the Bureau of the Census, through its Vital Statistics Division, undertook a new program of marriage and divorce statistics, following the pattern used for birth and death statistics. Transcripts of marriage and divorce records were collected, chiefly from those States which could provide them through their State offices of vital statistics. For the first time, the Federal program provided some detailed statistics on marriages, more than mere numbers of occurrences. However, the data were for fewer than 30 States. Some detailed statistics on divorces were obtained for 6 to 12 States. Marriage data for 1939 and 1940 were published, as well as divorce data for 1939. This program was discontinued, owing to war conditions. Meanwhile, numbers or estimated numbers of occurrences by State were obtained and published for the years 1937 to 1940.

TABLE C.—SOURCES OF UNITED STATES MARRIAGE AND DIVORCE TOTALS, 1867-1949

YEAR	Sources of marriage totals	Sources of divorce totals
1867-86----	Estimates published in 1947 by National Office of Vital Statistics, from incomplete data of survey by Commissioner of Labor, published in 1889.	Figures collected (with detailed data) by Commissioner of Labor, published in 1899.
1887-1906---	Estimates published in 1947 by National Office of Vital Statistics, from data of nearly complete survey by Bureau of the Census, published in 1908-1909.	Figures collected (with detailed data) by Bureau of the Census, published in 1908-1909.
1907-15----	Estimates published in 1928 by Bureau of the Census, from records of selected States.	(Same as marriage.)
1916-----	Figures collected by Bureau of the Census, published in 1919.	Figures collected (with detailed data) by Bureau of the Census, published in 1919.
1917-21----	Estimates published in 1928 by Bureau of the Census, from records of selected States.	(Same as marriage.)
1922-32----	Figures collected each year and published in annual reports by Bureau of the Census.	Figures collected (with detailed data) each year and published in annual reports by Bureau of the Census.
1933-36----	Estimates by S. A. Stouffer and L. M. Spencer (American Journal of Sociology, January 1939).	(Same as marriage.)
1937-40----	Estimates published in 1942 by Bureau of the Census, from nearly complete survey.	(Same as marriage.)
1941-43----	Estimates published in 1946 by National Office of Vital Statistics, from records of selected States.	(Same as marriage.)
1944-49----	Figures include estimates and marriage licenses; published annually by National Office of Vital Statistics, from surveys of States and of selected counties.	Estimates published annually by National Office of Vital Statistics, from records of selected States.

Beginning in 1944, the Bureau of the Census, at first through its Population Division and later through its Vital Statistics Division, resumed efforts to provide numbers of occurrences. This program has been continued by the former Vital Statistics Division, designated the National Office of Vital Statistics since its transfer to the Public Health Service in 1946.⁵ In addition, a program of detailed statistics of marriages and divorces, based on State tabulations, was inaugurated by the National Office of Vital Statistics in 1949. Data for 1949 are presented in tables 13 through 18 as well as in several text tables.

Table C summarizes some of the preceding discussion, and shows the sources of the 1867 to 1949 national marriage and divorce totals.

Morbidity data

The collection of morbidity data by the Public Health Service had its beginning nearly 75 years ago when, by an act of Congress in 1878, such collection was authorized for use in connection with quarantine measures against such pestilential diseases as cholera, smallpox, plague, and yellow fever. One year later, a specific appropriation was made for the collection and publication of reports of notifiable diseases, principally from foreign ports. In 1893, an act provided for the collection of information each week from State and municipal authorities throughout the United States. In order to secure uniformity in the registration of morbidity statistics, Congress enacted a law in 1902, which directed the Surgeon General of the Public Health Service to provide forms for the collection, compilation, and publication of such data.

Reports on notifiable diseases were received from a very few States and cities prior to 1900, but gradually more and more States submitted monthly and annual summaries. It was not until after 1925 that all States reported regularly.

Until 1942, the collection, compilation, and publication of morbidity statistics was under the direction of the Division of Sanitary Reports and Statistics of the Public Health Service. These functions were transferred to the Division of Public Health Methods in 1942, and to the National Office of Vital Statistics in 1949.

METHODS OF CLASSIFICATION

Geographic classification

The geographic code⁶ used in the tabulation of live birth, death, and fetal death data published in this report gives a separate identifying number to each city having, in 1940, a population of 10,000 or more, and to certain towns, townships, and districts which under special rules are classified as urban. The places classified as urban under special rules are of two types. One type is limited to the States of New Hampshire, Massachusetts, and Rhode Island. It is made up of towns (townships) in which there is a village or thickly settled area having more than 2,500 inhabitants and comprising, either by itself or when combined with other villages within the same town, more than 50 percent of the total population of the town. In this report, only those towns of this type having 10,000 inhabitants or more are shown. A second type is made up

⁵For specific references to published reports of earlier surveys, see "Historical note on earlier studies" and footnotes in "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 27, No. 10, pp. 171, 172, 1947.

⁶National Office of Vital Statistics, "Instruction Manual, Part IV, Geographic Code," geographic classification used in coding and tabulating vital statistics data, 1947 edition, 272 pp.

of townships and other political subdivisions (not incorporated as municipalities, nor containing areas so incorporated) with a total population of 10,000 or more and a population density of 1,000 or more per square mile. The geographic code also gives a separate number to each county. Although villages and cities having populations of less than 10,000 are not individually identified, urban places of 2,500 to 10,000 as a group and the remainder of the county (places under 2,500 and rural area) are tabulated separately. The classification of urban places used in the 1949 tabulations was based on their populations enumerated in the 1940 census, as of April 1. Population figures from the 1950 census were not available at the time the 1949 vital statistics data were being classified and tabulated.

The annual birth and death data prior to 1930 were tabulated in two groups: (1) urban places of 10,000 inhabitants or more and (2) urban places with fewer than 10,000 inhabitants and rural areas. These population-size groupings do not correspond with those defined as urban and rural in the 1910, 1920, 1930, and 1940 population censuses. Therefore, in order to give annual data that could be more closely related to the population data, it was necessary to further divide the data into two groups: (1) urban places with populations between 2,500 and 10,000 and (2) rural areas. By combining the urban places of 2,500 to 10,000 with urban places of 10,000 or more, figures could be obtained for urban places that were comparable with those of the 1930 and 1940 population censuses. Also, by combining data for urban places having populations between 2,500 and 10,000 with the rural figures, data comparable with those for places under 10,000 and rural areas as given in the vital statistics reports prior to 1930 could likewise be obtained.

Most of the natality and mortality tables published for the years 1930 to 1941 show at least three population-size groupings: urban places with populations of 10,000 or more, urban places with populations between 2,500 and 10,000, and rural areas; but some tables show the simple classifications "urban" and "rural." In those instances where the dichotomous classification is shown, "rural" included all areas except urban places of 10,000 inhabitants or more. In the present volume the terms "urban" and "rural" refer to areas as defined by the population census of 1940, that is, urban places having 2,500 inhabitants or more and rural areas, respectively.

It is important to note that, while these definitions of "urban" and "rural" correspond to those followed in the 1940 population census, they do not conform to those adopted for the 1950 census. Under the 1950 census rules, unincorporated urbanized areas contiguous to all cities of 50,000 population or more and all other unincorporated urban places of 2,500 population or more in 1950 are classified as "urban." Thus, in general, the urban population has been increased and the rural population decreased by changes in definition.

Place of residence

Official national birth and death statistics and those published by most State and city agencies were once compiled according to the place of birth or death. Under this system of tabulation, the data are tabulated by the city, county, or State in which the birth or death occurred, irrespective of the usual place of residence of the mother of the child, or the usual place of residence of the decedent.

The difficulties involved in interpreting data obtained by this method of tabulation can be understood by considering the effect of movement of people on death rates. For example, the hospital facilities in a city may attract patients from surrounding areas and, as a result, many of the deaths occurring in this city will not be deaths of residents of this city. The enumerated population of the city does not, under such conditions, represent the number of persons exposed to the risk of

death; and the death rate does not accurately describe the mortality conditions of this particular city. A more correct figure is obtained by reallocating all deaths to the place of residence. Since there are many causes contributing to the movement of patients to some area other than their usual place of residence, it cannot be assumed that the direction of the movement is always from the rural to the urban areas. Similar nonresident factors affect the interpretation of birth statistics based upon place of occurrence. In order to determine the direction or the magnitude of the differences between rates based on births or deaths according to place of occurrence and those compiled according to place of residence, it is necessary to examine tabulations on both bases.

In addition to difficulties in the definition of residence there are factors in the original collection of information concerning vital events that produce errors or inconsistencies. The place of birth or death is usually obvious or easily determined by the person who files the certificate. In contrast, a special inquiry is frequently necessary to obtain place of usual residence. It is sometimes difficult to ascertain the precise geographic location of the resident address, particularly for places near the boundaries of cities, towns, and counties. These difficulties sometimes cause the residence information on the certificate to be omitted, incomplete, or inaccurate.

Most of the data given in this volume are tabulated according to place of occurrence, therefore, figures for individual cities and counties or for population groups frequently do not give an accurate indication of relative health and fertility conditions. However, for a larger area such as a State, the tabulations compiled on the two bases do not usually show a substantial difference. The tabulations by place of occurrence and by place of residence are identical for the total United States, because births and deaths of United States residents occurring outside the country and of foreign residents occurring in the country are not reallocated to country of residence.

A discussion of the differences between recorded and resident figures, with summary tables, will be found on pages XVIII to XXII. Detailed tabulations of births and deaths by place of residence are given in "Vital Statistics of the United States, Part II."

All statistics of marriages and divorces shown in this volume have been tabulated by place of occurrence, i.e., the place in which the marriage was performed or in which the divorce was granted. The detailed information required to allocate marriages and divorces to place of residence is not available.

The practice of allocation of notifiable diseases by residence varies not only with respect to diseases but also among the various States. Corrections usually are not made for diseases of high frequency such as measles and whooping cough. In some States an attempt is made to allocate by residence cases of typhoid fever, poliomyelitis, diphtheria, smallpox, and certain other diseases but this practice is not uniform.

Changes in definitions of residence

Serious methodological problems arise in the process of (1) allocating vital events, particularly deaths, on the same basis as the enumerated population, and (2) allocating them so as to describe accurately the mortality conditions of a particular area. Differences in the manner of collection of vital statistics data and of population data introduce inconsistencies in their allocation by place of residence. In addition, a strict application of population enumeration definitions to deaths distorts the description of mortality conditions in certain areas. This is particularly true for areas in which large resident-type institutions, such as mental and tuberculosis hospitals, are located. In the population census the

patients or inmates of these institutions are counted as residents of the institution. The death rate among these people is usually very high, because of the illness or infirmity which caused them to enter the institution. If these deaths are allocated to the city or county in which the hospital or institution is located, the death rate of the area is likely to be much higher than it would be if they were allocated to the area of residence prior to hospitalization. Nevertheless, the residence allocation rules used by the National Office of Vital Statistics from 1935 to 1948, inclusive, correspond closely to those of the population census.

In response to increasing dissatisfaction among public health agencies with these definitions, the National Office of Vital Statistics made a careful study of the problem. Three different crude death rates were computed for each of 188 counties for which in 1940 the deaths in resident-type hospitals or other institutions constituted 10 percent or more of total resident deaths. In method (1) the rates were computed using total resident deaths and total enumerated population, the institutional population being included in both the numerator and denominator of the rate formula. In method (2) the rates were computed using total resident deaths minus deaths in resident-type institutions and the total enumerated population including the institutional population. In method (3) the rates were computed using total resident deaths minus deaths in resident-type institutions and the total enumerated population minus the population living in such institutions. Method (1) was used by the National Office of Vital Statistics with minor changes from 1935 through 1948. Method (2) gives the rate which results when the institutional population is deducted from the deaths but included in the population base. Method (3) gives the rate which is obtained when the institutional population is excluded from both the deaths and the population base. Of the three rates computed the third method can be regarded as the rate which describes most accurately the mortality experience in the counties uninfluenced by the special factor of institution location.

The average crude resident death rates per 1,000 population obtained for the 188 counties were as follows:

Method (1)-----	14.0
Method (2)-----	10.0
Method (3)-----	10.7

The average rate by method (1) was 30.8 percent above the average rate by method (3), while the average rate by method (2) was 6.5 percent below the average rate obtained by method (3).

This study led to the conclusion that allocation of deaths according to the rules of the population census resulted in serious distortion of mortality statistics for counties and cities in which the population in resident-type institutions is a significant proportion of the total population. Therefore, beginning with data for 1949, the National Office of Vital Statistics introduced a major change into its rules for residence allocation of deaths occurring in resident-type institutions. The crude death rates which will be obtained under the revised rules will be comparable with those obtained by method (3) when the institutional population can be deducted from the population base and with those obtained by method (2) when it cannot be deducted. Under the revised rule, all deaths which occur in institutions of all types are allocated to the reported place of usual residence, regardless of the length of time spent by the decedent in the institution. In actual practice, the new rules differ significantly from the previous definitions only with respect to deaths occurring in resident-type institutions (mental hospitals, homes for the aged, penitentiaries, etc.) and in tuberculosis hospitals. Under the old rules all deaths in resident institutions regardless of length of stay and all deaths in tuberculosis hospitals where

the decedent had lived in the hospital more than 1 year were allocated to the place of death. Beginning with 1949, they are allocated to the place of usual residence. A complete statement of the residence-allocation rules used in classifying 1949 data is given in an Instruction Manual.⁷

Beginning with data for 1949, a change was also made in the rules for allocation of deaths of military personnel. For the years 1943 through 1948, the post or port at which the deceased was stationed was considered to be the usual place of residence. Under the new rule, these cases are classified as residents of the place of death if length of stay in that place is stated to be 1 year or more. If length of stay in place of death is stated to have been less than 1 year, the death is allocated to the deceased's home residence, if stated.

Classification by race

Births and deaths are classified in detail by white, Negro, Indian, Chinese, Japanese, and a residual group of numerically minor races. In most tables such an extended classification is not justified and the racial divisions are "White," "Negro," and "Other." In tables where the main purpose is to isolate the major group, the classifications are simply "White" and "Nonwhite."

Marriages are classified by race by the individual States. In this volume, they are shown for the "White" and "Non-white" groups only.

International Lists of Diseases and Causes of Death

Beginning with 1949, the data in the mortality reports published by the National Office of Vital Statistics are tabulated according to the numbers and titles of the International Statistical Classification of Diseases, Injuries, and Causes of Death. The International Lists, in use in this country since 1900, have been revised decennially in order that the terminology by which deaths are classified may be consistent with advances in medical science and changes in diagnostic practice. The classification used for 1949 is the Sixth Revision of the International Lists of Diseases and Causes of Death, adopted by the World Health Assembly in July 1948.⁸

The "Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death" includes special lists of causes recommended for mortality tabulations. These are: the Detailed List, consisting of all three-digit categories; List A, the Intermediate List of 150 Causes for Tabulation of Morbidity and Mortality; and List B, the Abbreviated List of 50 Causes for Tabulation of Mortality. Each of these lists has been adapted to serve the needs for mortality data in the United States. The extensions of the lists, however, have been designed so that the original groups can be obtained by simple addition of titles.

Complete titles and official list numbers are given in tables XIII, 6, and 8. Table XIII shows each three-digit category to which a death was assigned in the United States in 1949, and selected four-digit categories. The extension of List A, which will be used in mortality reports prepared by the National Office of Vital Statistics is shown in table 6; and the expansion of List B in table 8. In other tables using the same lists, it was necessary because of space limitations to abbreviate some cause-of-death titles.

⁷National Office of Vital Statistics, "Vital Statistics Instruction Manual, Part I, Coding and Funching Geographic and Personal Particulars of Births, Deaths, and Stillbirths Occurring During 1949," Washington, D. C., 1949.

⁸For a history and description of the sixth revision, see "Manual of the International Statistical Classification of Diseases, Injuries, and Causes of Death," Volume I, World Health Organization, Geneva, Switzerland, 1948.

Joint Causes of Death

A large proportion of the death certificates filed annually in the United States report two or more diseases or conditions as causes of death. These multiple conditions or diseases are known as joint causes of death. General statistical practice requires that cases involving more than one cause of death be charged to a single cause rather than to a combination of causes, and it is necessary to employ a selection process to determine the one cause to be assigned. The method of selection used has an important effect upon the resulting statistics.

In 1948, the World Health Assembly adopted, along with the Sixth Revision of the International Lists, a form of medical certification and rules for classification of the underlying cause of death to be used internationally. The form of medical certification is shown in the standard certificate of death, page LXVII. It is designed to elicit information which will facilitate the selection of the underlying cause of death when two or more causes are jointly recorded. If the certification is completed properly, the underlying cause of death indicated by the physician is the cause used in tabulation. This procedure, used in the United States for the first time in 1949, differs sharply from that used in previous years. Formerly, definite priority relationships were set up for combinations of causes reported on the death certificate. The single cause to be tabulated was always chosen according to these fixed rules. The new procedure for selecting and classifying cause of death has disrupted the continuity of cause-of-death statistics for many categories. These changes are discussed in the section on Interpretation of Cause-of-Death Statistics, page XIV.

Nativity classification

Early mortality reports published by the Bureau of the Census contained extensive tables showing nativity of the parents as well as nativity of the decedent, but the publication of these tables was discontinued in 1933. Mortality data showing nativity of decedent were again published in the annual reports for 1939 to 1941, when comparable population figures were available. These tables were discontinued in 1942. In the reports on birth statistics prior to 1937 more emphasis was placed upon country of birth of parents. Detailed tables showing specific country of birth of mother and of father, as well as more abridged classifications, have been published for each year through 1936. These data have been of historical importance in tracing the changing composition of the population of the United States. In recent years, however, the number of births to foreign-born parents has become a relatively small proportion of the total. Accordingly, since 1937, birth tables showing nativity of parents have been eliminated or abridged.

INTERPRETATION FACTORS

While the data in this volume are useful for a variety of administrative and scientific purposes, they cannot be correctly interpreted unless cognizance is taken of various qualifying factors. Obviously the factors to be considered depend upon the specific purposes for which the data are to be used. It is not feasible to catalog all of the pertinent factors in the use of vital statistics tabulations, but a few of the more important should be mentioned.

Most of the factors limiting the use of vital statistics data arise from imperfections in the original material or from the impracticability of tabulating or using these data in very detailed categories. These defects should not be ignored, yet their existence does not vitiate the value of the data for most general purposes. Analysis of small differences or exact evaluation and interpretation of vital statistics require care-

ful study of many related elements. However, the trend of crude birth, death, marriage, and divorce rates, the increase or decrease in the number of deaths from selected causes, and the major differences in rates among States, are all facts that will not be materially changed by finer analysis.

In order to draw conclusions or inferences from differences between rates, it is necessary, particularly for areas of small populations, to take into account the number of births, deaths, marriages, or divorces on which these rates are based. Although all of the rates presented have been computed without regard to the size of the numbers involved, caution should be exercised in the interpretation of those based on small numbers since they are subject to variation in proportion to their magnitude. In all such cases, a test of statistical significance should always be applied before making even a tentative deduction from rate differences. Although it would be desirable to introduce into these tables statistical measures of significance, it was not deemed practicable to do so as the required degree of statistical reliability would differ with the uses of the data. A discussion of this problem, and a simple statistical test of significance, may be found in "The Registrar-General's Statistical Review of England and Wales."⁹

Completeness of registration

Although every State has adopted a vital statistics law requiring the registration of all births and deaths, these laws are not uniformly observed. In most States where the registration organization is well established and where the persons responsible for filing certificates appreciate the value of registration to the individual as well as its value for statistical purposes, practically all births and deaths are registered. In other States, however, the underregistration is enough to affect the use of the tabulated data for certain purposes.

Detailed information on the completeness of death registration in each State is not available. One condition required for admission to the national registration areas was that there exist a demonstrated completeness of registration of at least 90 percent. Using this as a criterion, all of the States were admitted to the registration areas by 1933. Estimates of the completeness of registration by States, based on the comparison of vital statistics reports and enumerated census data, have been published elsewhere.¹⁰ It is believed that death registration is more complete than birth registration.

The first Nation-wide test of completeness of birth registration was made by the Bureau of the Census in 1940. The records of all births registered during a 4-month period—December 1939 and January, February, and March 1940—were matched with those of infants under 4 months enumerated in the population census as of April 1, 1940, and with those of infants born during these 4 months whose deaths were registered as occurring prior to April 1, 1940. Altogether, nearly one and a half million records were received for the test.¹¹

As a result of the matching process and subsequent field checks of the unmatched records, it was found that the registration of births in the United States was 92.5 percent complete. As may be seen from table D, which presents data by

⁹The Registrar-General's Statistical Review of England and Wales, 1937, pp. 18-24, H. M. S. O., London, 1940.

¹⁰Whelpton, P. K., "The Completeness of Birth Registration in the United States," *Journal of the American Statistical Association*, vol. XXIX, No. 126, pp. 125-136, June 1934.

Willcox, Walter F., "Introduction to the Vital Statistics of the United States, 1900-1930," pp. 80, 81, 1933.

¹¹Grove, Robert D., "Studies in Completeness of Birth Registration, Part I, Completeness of Birth Registration in the United States, December 1, 1939, to March 31, 1940," Bureau of the Census, *Vital Statistics—Special Reports*, vol. 17, No. 18, 1943.

TABLE D.—PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY RACE: UNITED STATES, EACH DIVISION AND STATE, DECEMBER 1, 1939, TO MARCH 31, 1940

AREA	All races	White	Nonwhite
UNITED STATES	92.5	94.0	82.0
GEOGRAPHIC DIVISIONS			
New England	98.6	98.6	96.9
Middle Atlantic	98.0	98.2	95.4
East North Central	96.6	96.8	92.8
West North Central	94.9	95.1	86.1
South Atlantic	86.8	89.0	81.4
East South Central	85.9	86.9	83.1
West South Central	84.5	87.1	75.5
Mountain	81.5	83.7	56.2
Pacific	97.8	98.0	94.9
NEW ENGLAND			
Maine	96.1	96.3	¹ 83.2
New Hampshire	98.7	98.6	¹ 100.0
Vermont	97.3	97.3	¹ 100.0
Massachusetts	98.9	98.9	98.0
Rhode Island	98.8	98.6	¹ 100.0
Connecticut	99.4	99.4	97.9
MIDDLE ATLANTIC			
New York	98.7	98.8	96.3
New Jersey	99.0	99.0	98.7
Pennsylvania	97.0	97.2	92.9
EAST NORTH CENTRAL			
Ohio	95.2	95.3	93.7
Indiana	96.5	96.6	94.0
Illinois	96.9	97.3	90.6
Michigan	87.8	87.8	84.0
Wisconsin	96.9	96.9	93.2
WEST NORTH CENTRAL			
Minnesota	99.3	99.3	97.2
Iowa	94.6	94.7	¹ 90.1
Missouri	90.2	90.7	82.7
North Dakota	94.7	94.6	95.2
South Dakota	98.4	96.6	79.8
Nebraska	96.9	97.0	93.2
Kansas	96.5	95.6	92.9
SOUTH ATLANTIC			
Delaware	97.4	97.2	98.6
Maryland	97.1	97.8	94.1
District of Columbia	97.9	98.5	98.6
Virginia	91.9	92.5	90.2
West Virginia	86.5	86.7	81.3
North Carolina	86.1	88.4	81.0
South Carolina	77.6	82.7	71.8
Georgia	81.3	83.6	77.6
Florida	89.9	91.3	86.4
EAST SOUTH CENTRAL			
Kentucky	89.2	89.2	87.6
Tennessee	80.4	81.4	75.1
Alabama	85.0	86.4	82.4
Mississippi	88.8	93.8	86.2
WEST SOUTH CENTRAL			
Arkansas	75.9	79.6	63.2
Louisiana	86.1	87.7	83.7
Oklahoma	84.8	87.0	86.9
Texas	86.5	89.3	68.7
MOUNTAIN			
Montana	97.6	98.0	91.1
Idaho	95.0	95.1	¹ 79.3
Wyoming	95.6	95.9	¹ 85.4
Colorado	89.8	89.8	¹ 90.4
New Mexico	86.4	91.2	40.3
Arizona	84.4	93.8	49.4
Utah	96.6	97.1	¹ 59.6
Nevada	96.2	97.5	¹ 80.9
PACIFIC			
Washington	97.8	98.0	88.7
Oregon	97.1	97.3	¹ 84.1
California	98.0	98.1	96.5

¹Percentage is based on fewer than 100 records.

State and by race, there was great variation in the completeness of registration figures. The completeness of birth registration ranged from 75.9 percent in Arkansas and 77.6 percent in South Carolina to 99 percent or more in Connecticut, Minnesota, and New Jersey. Completeness of registration of births to white persons was 94.0 percent compared with 82.0 percent to nonwhite persons. The percentage of completeness for white births ranged from 79.6 percent

in Arkansas to 99.4 in Connecticut. For nonwhite, completeness ranged from 40.3 percent in New Mexico to 98.7 percent in New Jersey. There were three States having a very small nonwhite population which showed 100 percent registration in the test.

The trend of the estimated percentage completeness of birth registration from 1935 to 1949, inclusive, for the entire United States, by race, is given in table E. These estimates are based on the results of the 1940 test and the indicated relationship between hospitalization and birth registration evidenced by that test.¹²

Another Nation-wide test of birth registration completeness is being conducted in conjunction with the 1950 Decennial Census of Population and Housing. The sources of records and general method in the 1950 test are the same as in 1940. Birth certificates filed for infants born during the 3 months, January, February, and March 1950 are being matched with special census records filled out for all enumerated infants born during this period. Results of the test will serve as the basis for reassessing registration completeness throughout the United States and determining correction factors for data tabulated from the birth records.

Central registration of marriages and of divorces is not required in all States, and no comprehensive study of the completeness of marriage and divorce registration in the United States has ever been made.

Completeness and accuracy of morbidity data are limited by a number of factors including accuracy of diagnosis, definition of diseases for reporting purposes, compliance with laws and regulations, and methods of tabulation. These factors which vary from State to State and from year to year, make accurate determinations of incidence or of the trend of many diseases difficult.

TABLE E.—ESTIMATED PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION BY RACE: UNITED STATES, 1935-49

YEAR	PERCENTAGE COMPLETENESS OF BIRTH REGISTRATION		
	All races	White	Nonwhite
1949	95.6	97.2	86.4
1948	95.5	97.1	85.9
1947	95.5	97.0	85.3
1946	95.1	96.7	84.4
1945	94.5	96.3	83.3
1944	94.1	96.0	82.7
1943	93.9	95.6	82.3
1942	93.5	95.3	81.9
1941	92.8	94.5	81.6
1940	92.3	94.0	81.5
1939	91.9	93.6	81.1
1938	91.6	93.4	80.8
1937	91.3	93.1	80.4
1936	91.1	92.8	80.2
1935	90.7	92.4	79.9

Crude rates

If crude death rates are used as an index of health conditions of a community, comparisons of rates for different States or cities are not strictly valid unless the age, sex, and racial compositions of the population of each area are taken into consideration. It is obvious that, if the population in one State is generally older than that in another, the crude death rate will be higher in the State having the older population, even though there is no significant difference in the age-specific death rates.

¹²For method of estimation, see Moriyama, Iwao M., "Estimated Completeness of Birth Registration; United States, 1935 to 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 10, 1946.

Similar considerations apply also to crude birth rates. For example, comparison of birth rates of one area having a certain proportion of women of childbearing age with the rates of another community having a different proportion would be erroneous if these rates were used as measures of fertility.

Various methods have been devised to compensate for differences in the population composition of the areas to be compared. A necessary element of all such methods is the computation of specific birth or death rates for each of the factors to be considered. While the natality and mortality tables in this volume are sufficiently detailed for the most important of these computations, it is also essential to have the corresponding population figures for each separate age, sex, and racial group.

Crude marriage and divorce rates are likewise related to the total population, not to those segments actually exposed to the occurrence of these events. Their usefulness for analysis and interpretation is limited, because they do not take into account such factors as age composition, sex distribution, and marital status, and their changes over periods of time. Since no national data are available on the characteristics of persons being married or divorced, specific rates by age, race, etc., cannot be presented. The available crude rates serve mainly to indicate general trends.

Population bases¹³

Large-scale population changes during the war and immediate postwar years necessitated adoption of special rules regarding the population bases used in computing vital statistics rates. The transfer overseas of several million men and the large-scale shifts of population within the continental United States precluded the computation of rates which are strictly comparable with rates for prewar years. In order to minimize these difficulties and to present rates that are most useful for comparative purposes, different population bases were selected for the various rates shown for the years 1940 through 1946.

Crude birth rates for these years for the United States as a whole are based on the total population of the country, including the armed forces overseas. Birth rates for each State are based on the civilian population present in the State. While not completely satisfactory, these rates seem to be most nearly comparable with national and State birth rates for preceding years.

Crude death rates for the continental United States for the years 1940 through 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas. Death rates for each State are based on the population, including military personnel, present in the State. These rates seem to be most nearly comparable with rates for prewar years, although they, too, involve certain limitations.

Crude marriage rates for the United States for 1940 through 1946, and succeeding years, are based on the total population present in the country, excluding the armed forces overseas primarily because no figures are available on marriages contracted overseas by members of this group. Crude rates for each State are based on the population present in the State, including military personnel stationed in the area, since the

¹³For a more detailed discussion of this problem with respect to birth and death rates, see "Vital Statistics of the United States, Part I, 1946," pp. VIII-X; with respect to marriage and divorce rates, see "Marriage and Divorce in the United States, 1937 to 1945," and "Marriage and Divorce Statistics: United States, 1946," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 23, No. 9, pp. 210 and 214, and vol. 27, No. 10, pp. 168-170, 1946 and 1947, respectively.

armed forces undoubtedly contributed to the total number of marriages in the States where they were stationed.

Crude divorce rates for the continental United States for the years 1940 through 1946 are based on the total population of the country, including the armed forces overseas, since it was considered likely that divorces involving members of the armed forces overseas were, for the most part, granted in this country. Crude divorce rates by State for 1940 to 1946 are based on the civilian population present in the area. The armed forces were excluded from the population base in computing the State rates because it did not appear likely that military personnel could have satisfied legal residence requirements for divorces in States where they were temporarily stationed. Also, lack of information precluded their allocation to their respective States of residence.

By 1947, demobilization of the armed forces was largely completed, and the military personnel overseas formed only 0.43 percent of the total United States population; in 1948 and 1949, they constituted only 0.31 and 0.40 percent, respectively, of the total population. Comparison of the estimates of the civilian population in the States and of the total population present in the States (including the armed forces stationed in the area) shows that the differences rarely exceeded 2 percent.

It is, therefore, of little significance to distinguish between the different estimated populations in computing birth, death, marriage, and divorce rates. Consequently, birth and divorce rates for 1947, 1948, and 1949 for the United States and for the individual States are based on the estimated population present in the respective areas. This procedure places the United States and individual State birth and divorce rates on the same base, and has the additional advantage of making all vital statistics rates (birth, death, marriage, and divorce) strictly comparable in this respect. Table F gives for each year, 1940 through 1949, the populations used in computing the birth, death, marriage, and divorce rates for the United States.

TABLE F.—ESTIMATED MIDYEAR POPULATIONS USED FOR COMPUTING BIRTH, DEATH, MARRIAGE, AND DIVORCE RATES: UNITED STATES, 1940-49

YEAR	POPULATIONS USED FOR COMPUTING—			
	Birth rate ¹	Death rate ²	Marriage rate ²	Divorce rate ²
1949-----	148,558,000	148,558,000	148,558,000	148,558,000
1948-----	146,045,000	146,045,000	146,045,000	146,045,000
1947-----	145,375,000	145,375,000	145,375,000	145,375,000
1946-----	141,398,000	139,895,000	139,895,000	141,398,000
1945-----	139,954,000	132,137,000	132,137,000	139,954,000
1944-----	138,380,000	132,622,000	132,622,000	138,380,000
1943-----	136,719,000	135,971,000	135,971,000	136,719,000
1942-----	134,851,000	135,752,000	135,752,000	134,851,000
1941-----	133,577,000	135,058,000	135,058,000	133,577,000
1940-----	132,114,000	131,936,000	131,936,000	132,114,000

¹For 1947-49, excludes armed forces overseas; for 1940-46, includes armed forces overseas.

²For 1940-49, excludes armed forces overseas.

Population estimates

Since vital rates are ratios of the number of births, deaths, marriages, and divorces to population figures, accurate rates are partially dependent upon accurate population figures. Tabulations showing the number and composition of the population for States and local areas are available only for the years when regular decennial population censuses are taken. For intervening years, population estimates must be used.¹⁴

The annual estimates of the total population of the United States for the period, July 1, 1940, to July 1, 1949, inclusive, are based on the 1940 and 1950 censuses and on statistics of

¹⁴For discussion of population estimates for years prior to 1940, see "Vital Statistics of the United States, Part I, 1946," p. XIII.

births, deaths, immigration, and emigration since the census date. The population present in the continental United States excludes members of the armed forces outside the continental shores on July 1 of each year. The total population of the United States employed in computing birth and divorce rates for the United States for the years 1940 to 1946 includes members of the armed forces overseas.

The estimates for States for the period 1940 through 1949 are based on the 1940 and 1950 censuses, on ration book registration, estimates of migration derived from school enrollment data, and resident births and resident deaths by State, between the two censuses. The civilian population estimates obtained in this manner provided the bases for deriving estimates of the population present in each State. The total population present in each State includes members of the armed forces stationed in each State but excludes the troops overseas.

At the time the 1949 vital statistics tabulations were made revised estimates using data from the 1950 census were available only for the total population of the United States and each State. The annual estimates of the population of the United States by age, race, and sex for the intercensal period were made before the 1950 census results became available.

Estimates of the midyear present-in-area population of the United States by age, race, and sex for 1940 to 1949, inclusive, relate to the population actually present in the continental United States. Since the age distribution of the armed forces abroad was estimated, the midyear population estimates of males of military age in the continental United States may not be as precise as those for other age groups. The estimates by age, race, and sex for the period 1940 to 1949 also contain an adjustment made on the age distribution of the nonwhite population 55 years and over as enumerated in the 1940 census. The 1940 census showed an excess of nonwhite enumerated as 65 years and over as compared with the number that might have been expected to survive from those 55 and over in 1930. The age group 55 to 64 years, on the other hand, showed a deficiency with respect to the expected survivors of those 45 to 54 in 1930. Therefore, the distribution of the nonwhite population 55 years and over among the component age groups was adjusted to a closer agreement with the distribution of these age groups in earlier censuses. The total 55 years and over was not altered in the process. Although defects in the age distribution of the white population were also observed, no adjustments were made because the adjustments would have been relatively small. No adjustment has been made for possible errors in reported ages at death.

All population figures used in computing rates were provided by the Bureau of the Census.

INTERPRETATION OF CAUSE-OF-DEATH STATISTICS

Effect of the Decennial List Revisions

Cause-of-death data given in this volume are classified according to the Sixth Revision (1948) of the International Lists of Diseases and Causes of Death, which was adopted for use in the United States in 1949. It has been the practice to revise the International List of Causes of Death every 10 years since 1900 to keep abreast of medical progress. Each decennial revision of the International List has produced some break in comparability of cause-of-death statistics. For the most part, the degree of discontinuity in the trend has not been considered a problem of great concern. Van Buren¹⁵ described

¹⁵Van Buren, George H., "Some Things You Can't Prove by Mortality Statistics," *Vital Statistics—Special Reports*, vol. 12, No. 13, 1940.

some of the major shifts in the cause-of-death statistics up to the 1938 revision due to changes in the classification of causes of death. In connection with the Fifth Revision (1938) of the International List of Causes of Death, Dunn and Shackley¹⁶ measured the change in mortality by cause due to the revision. This was done by coding mortality data for 1940 by the 1929 and 1938 revisions. The results of the study have been useful in evaluating the effects of the Fifth Revision of the International List and changes in the joint-cause selection procedure.

The Sixth Revision represents a more sweeping change than any other of the previous revisions. This classification scheme has been expanded considerably to provide specific categories for nonfatal diseases and injuries. In the process of expansion, provision has been made to permit comparability of certain categories with important titles of the Fifth Revision of the International List. However, strict comparability between the two revisions is lost because of some regrouping of the titles necessary in the Sixth Revision to accommodate the causes of morbidity, and because of the change in the method of selecting the underlying cause of death. The rules adopted with the Sixth Revision specify that, where the medical certification is properly completed, the underlying cause of death indicated by the physician shall be the cause used for tabulations. With the Fifth Revision, a fixed set of priorities was used to select the cause to be tabulated when more than one cause of death was reported.

In order to make it possible to compute a comparable time series of mortality rates by cause, the Sixth Decennial Revision Conference recommended that deaths for a country as a whole in the year 1949 or 1950 should be coded according to both the Sixth Revision and the new joint-cause rules, and the Fifth Revision and the Joint Cause Manual. In the United States, it is planned to code the deaths in 1950 by both revisions. As an interim measure, provisional data were obtained from a 10-percent sample of deaths in 1949 and 1950 coded by both Sixth and Fifth Revisions.

Table G is a summary of results obtained by coding a 10-percent sample of death certificates for 1949 and 1950 according to the two methods of cause-of-death classification. The differences resulting from the use of the two procedures are expressed by a factor termed the comparability ratio. This ratio is obtained by taking the number of deaths assigned to a particular cause using the Sixth Revision and dividing it by the number of deaths assigned to that cause by the Fifth Revision. A comparability ratio of 1.00 indicates that approximately the same number of deaths would be assigned to a particular cause of death whether the new or old classification and coding procedures were used. A ratio of 1.00 does not mean, however, that the classification of a particular cause of death remained the same in the two revisions. For example, the comparability ratio for malignant neoplasms is 1.01. However, examination of the two classifications will show that leukemia and aleukemia which were categories under the Diseases of the blood in the Fifth Revision are now classified under Neoplasms in the Sixth Revision. The transfer of these categories as well as some others such as Hodgkin's disease (Lymphogranulomatosis) would have increased the number of deaths ascribable to malignant neoplasms by the 1948 Revision had it not been for some losses resulting from the new rules for the selection of the underlying cause. According to these rules, deaths would not ordinarily be assigned to Neoplasms if the physician had certified the malignancy as a contributory cause; whereas, according to the old priority procedure, the neoplasm would probably have been

¹⁶Dunn, Helbert L., and Shackley, William, "Comparison of Cause-of-Death Assignments by the 1929 and 1938 Revisions of the International List: Deaths in the United States, 1940," *Vital Statistics—Special Reports*, vol. 19, No. 14, 1944.

INTRODUCTION

TABLE C.—COMPARISON OF CAUSE-OF-DEATH ASSIGNMENTS FOR 64 SELECTED CAUSES OF DEATH, BY THE SIXTH AND FIFTH REVISIONS OF THE INTERNATIONAL LISTS, FOR A 10-PERCENT SAMPLE OF CERTIFICATES FILED IN 1949 AND 1950 IN STATE VITAL STATISTICS OFFICES: UNITED STATES

(Exclusive of fetal deaths and of deaths among armed forces overseas)

CAUSE OF DEATH (Sixth Revision of the International Lists)	CATEGORY NUMBERS		NUMBER OF DEATHS CLASSIFIED BY—		DIFFERENCE DUE TO REVISION	Provi- sional compara- bility ratio ¹
	Sixth Revision	Fifth Revision	Sixth Revision	Fifth Revision		
Tuberculosis, all forms	001-019	13-22	7,346	7,659	-313	0.96
Tuberculosis of respiratory system	001-008	13	6,771	7,066	-295	0.96
Tuberculosis, other forms	010-019	14-22	575	593	-18	0.97
Syphilis and its sequelae	020-029	30	1,623	2,179	-556	0.74
Typhoid fever	040	1	22	24	-2	(²)
Cholera	043	4	-	-	-	-
Dysentery, all forms	045-049	27	227	208	+19	1.09
Scarlet fever and streptococcal sore throat	050,051	8,115b	83	74	+9	1.12
Diphtheria	055	10	105	105	0	1.00
Whooping cough	056	9	187	188	-1	0.99
Meningococcal infections	057	6	179	161	+18	0.98
Plague	058	3	-	-	-	-
Acute poliomyelitis	060	36	406	417	-9	0.99
Smallpox	084	34	-	-	-	-
Measles	085	35	149	156	-7	0.96
Typhus and other rickettsial diseases	100-108	39	16	15	+1	(²)
Malaria	110-117	28	23	22	+1	(²)
All other infective and parasitic diseases	030-039, 041, 042, 044, 049, 052-054, 059-074, 081-083, 086-096, 120-138	2, 5, 7, 11, 12, 23-28, 29, 31, 32, 37, 38, 40-44, 177	839	1,135	-296	0.74
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-205	45-55	41,366	40,814	+552	1.01
Malignant neoplasm of buccal cavity and pharynx	140-148	45a, b, c, e, f	1,056	1,056	0	1.00
Malignant neoplasm of digestive organs and peritoneum	150-156a, 157-159	46	16,230	17,028	-798	0.95
Malignant neoplasm of respiratory system	160-164	47	3,877	4,195	-218	0.95
Malignant neoplasm of breast	170	50	3,992	4,050	-58	0.94
Malignant neoplasm of genital organs	171-178	48, 49, 51	6,832	7,378	-546	0.93
Malignant neoplasm of urinary organs	180, 181	52	1,970	2,015	-45	0.98
Malignant neoplasm of other and unspecified sites	156b, 165, 190-199					
Leukemia and leukemia	204					
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues	200-205, 205	45d, 53-55	7,509	5,094	+2,415	1.47
Benign neoplasms and neoplasms of unspecified nature	210-239	56, 57	1,183	1,133	+50	1.04
Diabetes mellitus	260	61	4,955	8,707	-3,752	0.57
Anemias	290-293	73	858	536	+322	1.60
Meningitis, except meningococcal and tuberculous	340	81	428	345	+83	1.24
Major cardiovascular-renal diseases	330-334, 400-468, 582-594	58, 83, 90-103, 131, 132	151,993	145,632	+6,361	1.04
Diseases of cardiovascular system	330-334, 400-468	58, 83, 90-103	147,003	151,530	+15,473	1.12
Vascular lesions affecting central nervous system	330-334	83	30,478	26,875	+3,603	1.15
Rheumatic fever	400-402	58	432	182	+270	2.67
Diseases of heart	410-443	90-95	105,820	97,357	+8,463	1.09
Chronic rheumatic heart disease	410-416	90a, 92b, c, 93c, 95b	4,189	4,626	-427	0.91
Arteriosclerotic heart disease, including coronary disease	420					
Nonrheumatic chronic endocarditis and other myocardial degeneration	421, 422	(³) 90b, 91, 92e, a, e, e,	101,621	92,731	+8,890	1.10
Other diseases of heart	430-434	(³) 93a, b, d, e, (³) 94, 95a, c				
Hypertension with heart disease	440-443					
Hypertension without mention of heart	444-447	102	2,630	402	+2,228	6.54
General arteriosclerosis	450	97	6,185	5,408	+777	1.14
Other diseases of circulatory system	451-468	96, 98-101, 103	1,458	1,328	+132	1.10
Chronic and unspecified nephritis and other renal sclerosis	582-594	131, 132	4,990	14,102	-9,112	0.35
Influenza and pneumonia, except pneumonia of newborn	480-493	33, 107-109	4,670	4,249	+421	0.99
Influenza	480-483	33	4,679	4,542	+137	1.25
Pneumonia, except pneumonia of newborn	490-493	107-109	4,391	4,707	-716	0.85
Bronchitis	500-502	106	583	634	-51	0.94
Ulcer of stomach and duodenum	540, 541	117	1,584	1,853	-269	0.85
Appendicitis	550-553	121	691	753	-62	0.92
Herzita and intestinal obstruction	560, 561, 570	122	1,856	1,747	+109	1.06
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	543, 571, 572	119, 120	1,744	1,722	+22	1.01
Cirrhosis of liver	581	124	2,818	3,448	-630	0.82
Acute nephritis and nephritis with edema, including nephrosis	590, 591	130	721	403	+318	1.79
Hypertrophy of prostate	610	137	1,240	1,219	+21	1.02
Deliveries and complications of pregnancy, childbirth, and the puerperium	640-689	140-150	560	614	-54	0.91
Abortions	650-652	140, 141	58	67	-9	0.87
All other complications	640-649, 660-689	142-150	502	547	-45	0.92
Congenital malformations	750-759	157	3,650	3,743	-93	0.98
Certain diseases of early infancy	760-776	158-161	12,053	11,430	+623	1.05
Birth injuries, postnatal asphyxia, and atelectasis	760-762	(⁵)	4,806	(⁵)	(⁵)	(⁵)
Infections of newborn	763-768	(⁵)	917	(⁵)	(⁵)	(⁵)
Other diseases peculiar to early infancy, and immaturity unqualified	769-776	(⁵)	6,430	(⁵)	(⁵)	(⁵)
Symptoms, senility, and ill-defined conditions	780-795	162, 199, 200	5,641	5,674	-33	0.99
All other diseases	Residual	Residual	...	...	...	...
Accidents	E900-E962	169-176, 178-195	17,511	18,425	-914	0.95
Motor-vehicle accidents	E910-E935	170	6,074	6,077	-3	1.00
All other accidents	E900-E902, E940-E962	169, 171-176, 178-195	11,437	12,348	-911	0.93
Suicide	E963, E970-E979	165, 164	3,241	3,234	+7	1.00
Homicide	E984, E980-E985	165-168, 198	1,496	1,484	+12	1.00
Injury resulting from operations of war	E985, E990-E999	196, 197	10	1	+9	(²)

¹Ratio of deaths classified by the Sixth Revision to deaths classified by the Fifth Revision.

²Ratio not computed.

³Excludes 474 deaths from Lymphogranulomatosis, Hodgkin's disease (Fifth Revision number 44b and Sixth Revision number 201); and 1,738 deaths from Leukemia and leukemia (Fifth Revision number 74 and Sixth Revision number 204). When these deaths are added to the number assigned to Fifth Revision numbers 45-55, the comparability ratio (41,366 ÷ 43,026) becomes 0.96. The comparability ratio for Leukemia and leukemia is 1,721 ÷ 1,738, or 0.99, and for Lymphogranulomatosis (Hodgkin's disease), 475 ÷ 474, or 1.00.

⁴Frequencies are from the 1950 sample only. Data for 1949 were not used because changes in coding rules were made during the time the sample was being processed.

⁵Comparability ratios for subdivisions of Certain diseases of early infancy are shown in table R.

selected as the primary cause of death even though reported as a contributory condition. In the case of malignant neoplasms, therefore, the loss due to the new selection procedure was compensated for by the gain resulting from the transfer of certain categories to the classification of malignant neoplasms.

The net loss or gain indicated by the comparability ratios shows rather serious differences in comparability between the two revisions. For example, mortality data classified by the Sixth Revision show about 43 percent fewer deaths from diabetes mellitus when compared with data for the same period based on the Fifth Revision. Since the International List classification of diabetes has not changed, all of this difference is the result of the revision in the method for selecting the cause of death to be tabulated. According to the physician's judgment, a death may be due to diabetes; or diabetes may be considered a contributory cause and not directly connected with the sequence of events leading to death. In the latter case, the death is not assigned to diabetes by the new coding procedure based upon the physician's judgment or opinion. In the former situation, diabetes is coded as the underlying cause of death. Since diabetes is reported as a contributory condition in a large proportion of cases,¹⁷ the new coding procedure results in a significantly smaller number of deaths assigned to diabetes.

There are other causes of death in which trend data have been markedly affected by the new revision. For example, chronic nephritis has been considered one of the major causes of death in past years. However, in the Sixth Revision, the terms denoting arteriolar nephrosclerosis which were once classified under chronic nephritis were transferred to form new categories under hypertensive diseases. This has resulted in a very large decrease in the number of deaths now attributed to chronic nephritis. Another example may be found in the statistics for rheumatic fever. In the Fifth Revision, chronic rheumatic heart disease took precedence over rheumatic fever. In the Sixth Revision, deaths are assigned to rheumatic fever if reported as the underlying cause of chronic rheumatic heart disease. However, the rheumatic fever categories include only deaths in which rheumatic fever was present or active at the time of death.

Major re-alignments were made in various parts of the 1948 Revision. For example, in the section on Diseases of pregnancy, childbirth, and the puerperium in the 1938 Revision, the major factor in determining the classification was whether the death occurred before, during, or after childbirth. In the 1948 Revision, the classification is based on whether the condition arose during pregnancy, or was noted before delivery; whether the delivery occurred with complications; or whether there were some complications of the puerperium. Data on the detailed changes are not yet available, but it may be seen that even the total assigned to maternal causes has been affected by the revision. The classification procedures used in 1949 result in about 9 percent fewer deaths assigned to Deliveries and complications of pregnancy, childbirth, and the puerperium. Most of this is due to the fact that "childbirth" or certain complications of childbirth and the puerperium are frequently mentioned as a contributory cause rather than as an underlying cause of death.

About 5 percent more deaths are being classified as Certain diseases of early infancy by the Sixth Revision as compared with the previous classification. A large part of the apparent increase resulted from the reclassification of pneumonia among infants under 1 month and diarrhea of newborn under Certain diseases of early infancy. Another major change

made was with respect to prematurity. In the 1938 Revision, prematurity was a separate category with priority over other diseases of early infancy, except injury at birth. In the 1948 Revision, prematurity or immaturity was made a secondary axis of classification. Since the various specific morbid conditions under Certain diseases of early infancy are now further categorized as whether or not there was mention of immaturity, it is possible to assess how immaturity of the infant was associated with the various causes of death in infancy. The Sixth Revision provides for a residual category of immaturity, but comparable statistics on prematurity itself will not be available.

Mention was made of the comparability of data for malignant neoplasms. Although the net change in the data for total malignant neoplasms is small, the statistics for specific sites of the malignancy have been affected. Except for the provision of categories for secondary neoplasms of the lung and bronchus, thoracic organs, and of the lymph nodes, all of the categories in the section on malignant neoplasms relating to specific sites in the 1948 Revision are now being used to classify the primary or the presumptive primary site of the neoplasm. In the past revisions, the neoplasms of the various sites were weighed according to the priority tables in the Manual of Joint Causes of Death. Therefore, this difference in procedure as well as in the classification will make it difficult to interpret cancer mortality trends for the various sites of the disease without data on comparability by specific sites.

Although the data presented in table G relate to a limited number of groups of causes and are subject to various qualifications,¹⁸ they will be useful in bridging the gap between the two revisions until more complete tabulations are available. The comparability ratios may be applied as correction factors to data prior to 1948 to make them comparable with data for 1949 and subsequent years. While it seems reasonably valid to correct the death rates for major causes of death from these provisional data, the numbers of deaths which have been coded by both revisions are too few to provide ratios for correction of rates by age and sex. The comparability ratios have been found to vary considerably by age, race, and sex¹⁹ so that the ratio for total deaths from a cause cannot be applied routinely to an age-specific rate.

In addition, comparability ratios vary by State. These figures have been published for a limited number of causes.²⁰ The ratios must be used with caution because of the small frequencies and the relatively large sampling errors involved.

As previously mentioned, major changes in the classification of deaths attributed to Certain diseases of early infancy were made in the Sixth Revision as compared with the Fifth. Since deaths under 1 year have a relatively high frequency, it was possible to compute provisional comparability ratios for many of the causes of death that are important in the first year of life from the 10-percent samples for 1949 and 1950. Deaths coded to Prematurity (International List No. 159) under the Fifth Revision presented a special problem since there is no equivalent title under the Sixth Revision. However, the distribution of the deaths assigned to prematurity in the Fifth Revision according to their Sixth Revision categories could be determined. From these figures an appropriate proportion of all deaths from Prematurity, to be used in place of a comparability ratio, was computed for various causes in the Sixth Revision.

¹⁸For further discussion of problems in comparability, see "The Effect of the Sixth Revision of the International Lists of Diseases and Causes of Death Upon Comparability of Mortality Trends," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 36, No. 10, 1951.

¹⁹See table 13, p. 18, in "Current Mortality Analysis," vol. 7, No. 13, National Office of Vital Statistics, 1950.

²⁰See footnote 18 above.

¹⁷For further discussion of this problem, see Moriyama, Iwao M., "Is Diabetes Mortality Increasing?" Public Health Reports, vol. 63, No. 41, October 8, 1948.

The comparability ratios for these and other causes of deaths under 1 year are shown in table H. In general, the procedures followed in deriving this table were similar to those described for table G, with two exceptions. Special provision had to be made for Pneumonia of the newborn, and Diarrhea of the newborn, and consequently for Pneumonia, (except pneumonia of the newborn), and for Gastritis, duodenitis, enteritis, and colitis (except diarrhea of the newborn). Comparability ratios for the two former causes were computed from deaths under 28 days, and for the latter, from deaths between 28 days and 1 year.

Other qualifying factors

The use of a standard classification list, although essential for State, regional, and international comparisons, does not assure strict comparability of the tabulated figures. A high degree of comparability could be attained only if all of the data on cause of death were reported with equal accuracy and completeness. Since the medical certification of death can be made only by a qualified person, usually a physician or a coroner, the reliability and accuracy of cause-of-death statistics

are, to a large extent, governed by the acumen and ability of the medical attendant to make the proper diagnosis and by the care with which the death certificate is filled out.

The quality of the basic data reported on the death certificate is, of course, of fundamental importance in the interpretation of cause-of-death statistics. Although a number of notable studies have been made of the accuracy of medical diagnoses, there is an unfortunate lack of national statistics on the subject. All of these investigations are extremely limited in scope since they are based upon comparison of autopsy and clinical records in certain hospitals and pertain only to those cases that came up for post-mortem examinations. Despite the paucity of data regarding the accuracy of certification of death, the cause-of-death information given on the death certificate is, for the most part, probably fairly reliable.

One index of the quality of cause-of-death statistics is the proportion of death certificates coded to the Sixth Revision category numbers 780-793, 795, which are the rubrics for ill-defined and unknown causes of death. This percentage indicates the care and consideration given to the certification of cause of death by the attending physician. It may also be

TABLE H.—COMPARISON OF CAUSE-OF-DEATH ASSIGNMENTS FOR SELECTED CAUSES OF DEATH UNDER 1 YEAR OF AGE, BY THE SIXTH AND FIFTH REVISIONS OF THE INTERNATIONAL LISTS, FOR A 10-PERCENT SAMPLE OF CERTIFICATES FILED IN 1949 AND 1950 IN STATE VITAL STATISTICS OFFICES: UNITED STATES

(Exclusive of fetal deaths)

CAUSE OF DEATH (Sixth Revision of the International Lists)	CATEGORY NUMBERS		NUMBER OF DEATHS CLASSIFIED BY—		DIFFERENCE DUE TO REVISION Number of Deaths	Provi- sional compara- bility ratio ¹
	Sixth Revision	Fifth Revision	Sixth Revision	Fifth Revision		
Tuberculosis, all forms-----	001-019	15-22	57	58	-1	0.98
Syphilis and its sequelae-----	020-029	30	53	55	-2	0.96
Dysentery, all forms-----	045-048	27	124	119	+5	1.04
Whooping cough-----	056	9	125	125	0	1.00
All other infective and parasitic diseases-----	030-044, 049-055, 057-138	1-8, 10-12, 23-26, 28, 29, 31-32, 34-44, 177 ²	262	225	+37	1.16
Disease of thymus gland-----	275	64	114	107	+7	1.07
Meningitis, except meningococcal and tuberculous-----	340	81	126	97	+29	1.30
Influenza and pneumonia, except pneumonia of newborn-----	480-493	33, 107-109 pt. ³	1,733	1,858	-125	0.93
Influenza-----	480-485	33	150	142	+8	1.06
Pneumonia, except pneumonia of newborn-----	490-495	107-109 pt. ³	1,583	1,716	-133	0.92
Hernia and intestinal obstruction-----	560, 561, 570	122 ⁴	205	84	+121	2.44
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----	543, 571, 572	119 pt. ⁵	929	1,057	-128	0.88
Congenital malformations-----	750-759	157	2,816	2,961	-145	0.95
Congenital malformations of circulatory system-----	754	157e, f	1,270	1,347	-77	0.94
All other congenital malformations-----	750-753, 755-759	157a-d, g-m	1,546	1,614	-68	0.96
Certain diseases of early infancy-----	760-776	158-161	12,050	11,428	+622	1.05
Birth injuries-----	760, 761	160	2,262	2,399	-117	0.95
Intracranial and spinal injury at birth-----	760	160a, b	993	1,013	-20	0.98
Other birth injury-----	761	160c	1,269	1,386	-97	0.93
Postnatal asphyxia and atelectasis-----	762	...	2,523	...	...	...
Without mention of immaturity-----	.0	161a	961	951	+10	1.01
With mention of immaturity-----	.5	159 pt.	1,562	...	...	² 0.22
Pneumonia of newborn-----	763	...	541	...	...	...
Without mention of immaturity-----	.0	107-109 pt. ⁶	372	505	-133	0.74
With mention of immaturity-----	.5	159 pt.	169	...	...	² 0.02
Diarrhea of newborn-----	764	119 pt. ⁶	192	194	-2	0.99
Other infectious of newborn-----	765-768	161b	84	57	+27	1.47
Other specified diseases of early infancy-----	769-771	...	846	...	...	...
Without mention of immaturity-----	.0	161c	542	565	-23	0.96
With mention of immaturity-----	.5	159 pt.	304	...	...	² 0.04
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment-----	772, 773	...	860	...	...	...
Without mention of immaturity-----	.0	158	327	233	+94	1.40
With mention of immaturity-----	.5	159 pt.	533	...	...	² 0.07
Immaturity with mention of any other subsidiary condition-----	774	159 pt.	221	...	...	² 0.03
Immaturity unqualified-----	776	159 pt.	4,501	...	...	² 0.62
Symptoms and ill-defined conditions-----	780-795	199, 200	605	772	+31	1.04
All other diseases-----	Residual	Residual	...	...	...	...
Accidents-----	E800-E962	169-176, 178-195	672	658	+14	1.02
Inhalation and ingestion of food or other object causing obstruction or suffocation-----	E921, E922	195d	176	177	-1	0.99
Accidental mechanical suffocation in bed and cradle-----	E924	182	197	260	-63	0.76
All other accidental causes-----	E800-E920, E923, E925-E962	169-176, 178-181, 183-194, 195a, b, c, e	289	221	+78	1.35
Homicide-----	E964, E980-E999	165-168	21	25	-2	(7)

¹Ratio of deaths classified by the Sixth Revision to deaths classified by the Fifth Revision.

²Excludes deaths from Septic sore throat (Fifth Revision number 115b and Sixth Revision number 051). Not available by age.

³Excludes deaths under 1 month.

⁴No deaths were assigned to Hernia, Fifth Revision number 122a.

⁵Ratio of deaths assigned to specified Sixth Revision category number to total deaths (7,225) assigned to Premature birth, Fifth Revision category number 158.

⁶Under 1 month only.

⁷Ratio not computed.

used as a rough measure of the specificity of the medical diagnoses made by the physicians in the various areas. In 1949, only 1.2 percent of all reported deaths in the United States were assigned to ill-defined or unknown causes. However, this percentage varied from 0.2 percent for 7 States and the District of Columbia to 11.2 for Mississippi, reflecting the differences in quality of reporting among the States.

EFFECT OF RESIDENCE ALLOCATION ON NATALITY STATISTICS

Of the 3,559,529 live births registered in the United States in 1949, 2,192,247 occurred in the city or county in which the mother of the child usually resided; and 1,367,282, or 38.4 percent, were nonresident births as compared with 1,319,454, or 37.3 percent, in 1948. A large proportion of the nonresident births were to mothers who lived in rural areas or small cities and gave birth in more populous areas. Only a small percentage of the mothers who give birth elsewhere than in their usual place of residence cross State lines. In

1940, 6.3 percent of all nonresident births were to mothers from States other than the one in which the birth occurred. With the increased interstate population movement of the war period, however, the proportion increased slightly from year to year and was 8.4 percent in both 1944 and 1945. In 1946, it declined to 6.9 percent, in 1947 and 1948 to 6.8 percent, and in 1949 to 6.3 percent. Only 2.4 percent of all births occurred in States other than the State of the mother's usual residence.

A summary of births in 1949, by place of occurrence and by place of residence, is given by State in table J. This table shows, for each State, the number of births registered as occurring within the State; the total number of nonresident births within the State, that is, the number of births occurring in cities or counties of which the mother was not a resident; the number of these occurring to nonresident mothers who lived in some other part of the same State; and the number to mothers living in other States. This table also shows the number of births to residents of each State occurring in other areas, and the total number of births to residents wherever occurring.

The percentage differences between the residence and occurrence totals are shown for the States in table K. Excluding

TABLE J.—LIVE BIRTHS TO NONRESIDENTS IN EACH STATE AND LIVE BIRTHS TO RESIDENTS IN OTHER STATES: 1949

AREA	Total births in area	BIRTHS						Total births to residents
		To nonresidents in area ^a			To residents in other areas			
		Total	From same State	From other States	Total	In same State	In other States	
UNITED STATES	3,559,529	1,367,282	1,281,223	86,059	1,367,282	1,281,223	86,059	3,559,529
Alabama	83,950	24,594	23,393	1,201	25,054	23,393	1,661	84,418
Arizona	20,512	7,818	7,281	537	7,591	7,281	300	20,275
Arkansas	45,752	15,866	14,355	1,511	15,723	14,355	1,368	45,609
California	244,061	115,878	115,502	376	117,016	115,502	1,514	245,199
Colorado	33,583	12,978	11,966	1,012	12,469	11,966	503	32,894
Connecticut	39,967	17,257	16,647	610	18,177	16,647	1,530	40,887
Delaware	7,565	3,510	3,017	493	3,514	3,017	297	7,369
District of Columbia	27,672	9,173	...	9,173	1,315	...	1,315	19,814
Florida	61,375	20,371	19,520	851	20,739	19,520	1,219	61,743
Georgia	93,675	31,557	29,530	2,027	31,141	29,530	1,611	93,259
Idaho	15,757	7,602	6,976	626	7,629	6,976	653	15,984
Illinois	188,658	69,942	67,930	2,012	73,597	67,930	5,667	189,313
Indiana	95,058	41,743	38,658	3,085	40,899	38,658	2,241	94,214
Iowa	62,897	30,789	28,286	2,503	29,765	28,286	1,477	61,871
Kansas	42,503	17,253	15,541	1,712	16,531	15,541	2,990	43,781
Kentucky	76,412	22,653	20,199	2,454	22,458	20,199	2,259	76,197
Louisiana	75,293	26,313	25,677	636	26,507	25,677	830	75,487
Maine	21,608	8,278	8,069	209	8,609	8,069	540	21,839
Maryland	50,676	17,469	14,060	3,409	20,390	14,060	6,330	53,897
Massachusetts	96,275	39,478	37,501	1,977	38,818	37,501	1,317	95,615
Michigan	156,699	69,790	68,585	1,205	70,269	68,585	1,684	157,178
Minnesota	74,027	28,674	26,716	1,958	28,576	26,716	1,860	75,929
Mississippi	67,057	15,328	13,804	1,524	14,686	13,804	882	66,415
Missouri	87,351	34,798	30,176	4,622	32,749	30,176	2,573	86,302
Montana	15,137	5,300	5,096	204	5,529	5,096	433	15,366
Nebraska	31,418	12,288	11,239	1,049	12,417	11,239	1,178	31,547
Nevada	3,795	1,296	1,039	257	1,174	1,039	135	3,673
New Hampshire	12,197	4,731	3,621	1,110	4,474	3,621	853	11,940
New Jersey	94,671	52,682	51,529	1,153	55,617	51,529	4,088	97,606
New Mexico	21,292	5,567	4,828	739	5,895	4,828	1,067	21,620
New York	302,528	99,620	96,016	3,604	98,379	96,016	2,363	301,287
North Carolina	108,160	40,231	38,529	1,702	40,021	38,529	1,492	107,970
North Dakota	16,892	8,561	7,402	1,159	8,515	7,402	1,113	16,846
Ohio	189,396	75,329	71,747	3,582	75,361	71,747	3,614	189,428
Oklahoma	49,548	18,700	17,149	1,551	18,654	17,149	1,705	49,702
Oregon	35,267	14,929	13,915	1,014	14,978	13,915	1,063	35,316
Pennsylvania	224,615	101,684	97,732	3,952	101,450	97,732	3,698	224,581
Rhode Island	17,205	8,285	6,918	1,367	7,571	6,918	653	16,492
South Carolina	58,755	17,300	16,070	1,230	17,061	16,070	991	58,516
South Dakota	17,339	7,938	6,953	985	7,810	6,953	857	17,211
Tennessee	83,958	27,552	24,284	3,268	26,448	24,284	2,164	82,854
Texas	202,215	51,619	49,390	2,429	51,901	49,390	2,511	202,297
Utah	21,350	8,629	8,191	438	8,443	8,191	252	21,164
Vermont	8,897	4,015	3,652	363	4,415	3,652	763	9,297
Virginia	78,946	30,260	27,924	2,336	34,274	27,924	6,350	82,960
Washington	57,581	22,016	19,926	2,090	20,977	19,926	1,051	56,542
West Virginia	53,155	19,303	16,389	2,914	18,756	16,389	2,347	52,586
Wisconsin	82,442	38,154	36,719	1,415	38,641	36,719	1,922	82,949
Wyoming	7,360	2,021	1,576	445	2,151	1,576	575	7,490

the District of Columbia, the largest differences occurred for Maryland and Virginia where the occurrence figures were 5.4 and 4.8 percent, respectively, lower than the residence figure. For Rhode Island, the occurrence total was 4.3 percent higher than the residence total.

Table L gives the trend of the percentage of nonresident births in the United States from 1939 to 1949. It is evident that

TABLE K.—DIFFERENCE BETWEEN RESIDENT AND RECORDED LIVE BIRTHS: EACH STATE, 1949

AREA	DIFFERENCE	
	Number	Percentage ¹
UNITED STATES-----	...	...
Alabama-----	-460	-0.5
Arizona-----	+237	+1.2
Arkansas-----	+143	+0.5
California-----	-1,158	-0.5
Colorado-----	+489	+1.5
Connecticut-----	-220	-2.3
Delaware-----	+196	+2.7
District of Columbia-----	+7,858	+39.7
Florida-----	-368	-0.6
Georgia-----	+126	+0.4
Idaho-----	-227	-1.4
Illinois-----	-5,655	-1.9
Indiana-----	+344	+0.9
Iowa-----	+1,026	+1.7
Kansas-----	-1,278	-2.9
Kentucky-----	+215	+0.3
Louisiana-----	-194	-0.3
Maine-----	-331	-1.5
Maryland-----	-2,921	-5.4
Massachusetts-----	+660	+0.7
Michigan-----	-479	-0.3
Minnesota-----	+98	+0.1
Mississippi-----	+642	+1.0
Missouri-----	+2,049	+2.4
Montana-----	-228	-1.5
Nebraska-----	-129	-0.4
Nevada-----	+122	+5.3
New Hampshire-----	+257	+2.2
New Jersey-----	-2,935	-5.0
New Mexico-----	-328	-1.5
New York-----	+1,241	+0.4
North Carolina-----	+210	+0.2
North Dakota-----	+46	+0.3
Ohio-----	-32	-0.0
Oklahoma-----	-154	-0.3
Oregon-----	-49	-0.1
Pennsylvania-----	+234	+0.1
Rhode Island-----	+714	+4.3
South Carolina-----	+239	+0.4
South Dakota-----	+128	+0.7
Tennessee-----	+1,104	+1.3
Texas-----	-92	-0.0
Utah-----	+186	+0.9
Vermont-----	-400	-4.3
Virginia-----	-4,014	-4.8
Washington-----	+1,039	+1.6
West Virginia-----	+567	+1.1
Wisconsin-----	-507	-0.6
Wyoming-----	-130	-1.7

¹In computing percentages, resident births have been used as the base.

TABLE L.—NUMBER AND PERCENT OF NONRESIDENT LIVE BIRTHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-49

YEAR	Total births	NONRESIDENT BIRTHS			PERCENT OF NON-RESIDENT BIRTHS		
		Total	From same State	From other States	Total	From same State	From other States
1949	3,559,529	1,567,292	1,281,225	86,068	36.4	36.0	2.4
1948	3,535,068	1,319,454	1,230,366	89,088	37.3	34.8	2.5
1947	3,699,940	1,547,877	1,256,494	91,383	36.4	34.0	2.5
1946	3,288,672	1,151,941	1,072,030	79,911	35.0	32.6	2.4
1945	2,735,456	922,064	844,778	77,286	33.7	30.9	2.8
1944	2,794,800	871,785	788,776	73,009	31.2	28.6	2.6
1943	2,954,860	839,609	774,252	64,357	28.6	26.4	2.2
1942	2,608,996	734,328	684,160	50,168	26.1	24.4	1.8
1941	2,515,427	592,084	552,775	39,309	23.6	22.0	1.6
1940	2,360,399	500,918	469,228	31,690	21.2	19.9	1.3
1939	2,265,588	438,992	410,965	28,027	19.4	18.1	1.2

the proportion of nonresidents has increased steadily from 19.4 percent of all registered births in 1939 to 38.4 percent in 1949. The proportion of births which occur in a State other than the State of residence, although low, has also increased from 1.2 percent in 1939 to 2.4 percent in 1949. The steady increase in the percentage of births occurring in places other than the area of residence is closely related to the corresponding rise in the percentage of births occurring in hospitals (table AY).

Table M shows the difference in 1949 between the number of births to residents of urban and rural areas and the number of births occurring in the corresponding areas. The place-of-occurrence figures are much higher than those by place of residence in the urban areas, whereas the contrary is true of the rural areas. In comparing the birth figures for urban and rural areas, differences in completeness of birth registration should be taken into account.²¹

The proportion of rural residents who go to urban areas for delivery has increased rapidly as shown in table N. In 1940, the number of births occurring in rural areas was 21.7 percent less than the number of births to residents of rural areas. By 1949 this difference had increased to 51.2 percent. During the same period the excess of births occurring in urban areas over the births to urban residents rose from 18.7 percent in 1940 to 35.8 percent in 1949. These changes are due almost entirely to the increased use of urban hospital facilities by residents of rural areas. It will be observed that this movement is not restricted to large cities, but is in fact proportionately much larger for cities of less than 100,000 population.

The number of births in 1949, by place of residence and by place of occurrence, is given in table O for each of the 92 cities having, in 1940, a population of 100,000 or more. The place-of-residence figures are lower than those by place of occurrence for every city except Chicago, Los Angeles, New Bedford, Reading, and Somerville. Since many factors contribute to the number of nonresident births occurring in a

TABLE M.—RESIDENT AND RECORDED LIVE BIRTHS, AND PERCENTAGE DIFFERENCE; URBAN AND RURAL: UNITED STATES, 1949

AREA	Births to residents	Births in area	DIFFERENCE	
			Number	Percentage ¹
UNITED STATES-----	3,559,529	3,559,529	...	...
Urban-----	2,093,317	2,845,653	+750,236	+35.8
Places of 100,000 or more-----	981,576	1,207,338	+225,760	+23.0
Places of 25,000 to 100,000-----	429,464	623,851	+194,387	+45.3
Places of 10,000 to 25,000-----	301,274	453,358	+152,082	+50.5
Places of 2,500 to 10,000-----	381,003	559,010	+178,007	+46.7
Rural-----	1,466,212	713,876	-750,236	-51.2

¹In computing percentages, resident births have been used as the base.

TABLE N.—PERCENTAGE¹ DIFFERENCE BETWEEN RESIDENT AND RECORDED LIVE BIRTHS; URBAN AND RURAL: UNITED STATES, 1940-49

AREA	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
Urban-----	+35.8	+34.1	+32.7	+30.4	+27.7	+27.1	+24.7	+21.9	+21.1	+18.7
Places of:										
100,000 or more-----	+23.0	+21.4	+20.8	+19.8	+18.1	+18.0	+17.2	+17.0	+17.1	+15.7
25,000 to 100,000-----	+45.3	+43.5	+42.7	+40.0	+35.4	+34.3	+31.3	+28.4	+27.5	+25.0
10,000 to 25,000-----	+50.5	+49.1	+45.1	+41.0	+37.7	+35.6	+32.4	+28.2	+27.6	+24.3
2,500 to 10,000-----	+46.7	+44.5	+42.9	+39.2	+36.9	+35.8	+31.5	+23.0	+19.5	+15.0
Rural-----	-51.2	-49.5	-48.8	-45.9	-40.2	-37.5	-34.7	-30.7	-26.0	-21.7

¹In computing percentages, resident births have been used as the base.

²¹Futthill, Dorothy D., "Completeness of Birth Registration in Urban and Rural Areas: United States and Each State, December 1, 1939, to March 31, 1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 6, 1945.

TABLE C.—RESIDENT AND RECORDED LIVE BIRTHS, AND PERCENTAGE DIFFERENCE:
92 MAJOR CITIES, 1949

AREA	Births to residents	Births in area	DIFFERENCE	
			Number	Percentage ¹
Akron-----	7,307	9,353	+2,046	+28.0
Albany-----	2,948	4,543	+1,595	+54.1
Atlanta-----	6,504	14,657	+8,153	+72.4
Baltimore-----	21,851	28,689	+6,838	+31.4
Birmingham-----	8,159	11,012	+2,853	+35.0
Boston-----	15,707	19,085	+3,378	+21.2
Bridgeport-----	3,403	4,946	+1,543	+45.3
Buffalo-----	12,463	17,469	+5,006	+40.2
Cambridge-----	2,747	3,781	+1,034	+38.0
Camden-----	2,831	5,734	+2,903	+102.5
Canton-----	3,443	5,085	+1,642	+48.0
Charlotte-----	3,648	5,689	+2,041	+55.9
Chattanooga-----	4,060	5,703	+1,643	+40.5
Chicago-----	79,136	78,565	-571	-0.7
Cincinnati-----	11,972	16,825	+4,853	+40.5
Cleveland-----	22,525	26,918	+4,393	+19.5
Columbus-----	9,283	13,716	+4,433	+47.8
Dallas-----	10,815	14,731	+3,916	+36.2
Dayton-----	9,109	11,856	+2,747	+29.9
Denver-----	10,143	15,892	+5,749	+57.0
Des Moines-----	4,648	6,199	+1,551	+33.4
Detroit-----	44,063	50,366	+6,303	+14.3
Duluth-----	2,384	3,231	+847	+35.5
Elizabeth-----	2,383	3,733	+1,350	+56.7
Erie-----	3,502	4,787	+1,285	+36.1
Fall River-----	2,321	3,110	+789	+34.0
Flint-----	4,280	7,066	+2,786	+65.1
Fort Wayne-----	5,533	6,004	+471	+8.5
Fort Worth-----	6,998	8,438	+1,440	+20.7
Gary-----	4,207	5,226	+1,019	+24.2
Grand Rapids-----	4,903	6,311	+1,408	+28.7
Hartford-----	3,934	8,081	+4,147	+105.4
Houston-----	17,327	18,511	+1,184	+6.8
Indianapolis-----	11,382	12,643	+1,261	+11.1
Jacksonville, Fla.-----	6,056	7,009	+953	+15.7
Jersey City-----	6,578	10,450	+3,872	+58.9
Kansas City, Kans.-----	3,526	4,180	+654	+18.5
Kansas City, Mo.-----	9,972	13,275	+3,303	+33.1
Knoxville-----	3,104	5,473	+2,369	+76.3
Long Beach-----	5,581	7,256	+1,675	+30.0
Los Angeles-----	41,377	38,351	-3,026	-7.3
Louisville-----	10,687	13,190	+2,503	+23.4
Lowell-----	2,237	3,019	+782	+35.0
Memphis-----	9,355	12,535	+3,180	+34.0
Miami-----	5,308	5,871	+563	+10.6
Milwaukee-----	14,814	19,613	+4,799	+32.4
Minneapolis-----	13,537	17,777	+4,240	+30.8
Nashville-----	6,368	7,228	+860	+13.5
Newark, N. J.-----	9,389	13,535	+4,146	+44.2
New Bedford-----	2,146	2,040	-106	-4.9
New Haven-----	3,304	5,686	+2,382	+72.1
New Orleans-----	14,879	21,508	+6,629	+44.6
New York-----	152,268	156,900	+4,632	+3.0
Newark, N. J.-----	5,051	5,760	+709	+14.0
Oakland-----	8,862	14,116	+5,254	+59.3
Oklahoma City-----	5,643	7,927	+2,284	+40.5
Omaha-----	6,049	7,605	+1,556	+25.7
Pateron-----	2,708	5,476	+2,768	+102.2
Peoria-----	2,437	5,184	+2,747	+111.9
Philadelphia-----	42,344	46,893	+4,549	+10.7
Pittsburgh-----	18,421	23,600	+5,179	+28.1
Portland, Oreg.-----	9,891	12,386	+2,495	+25.2
Providence-----	5,188	10,161	+4,973	+95.9
Reading-----	2,061	1,777	-284	-13.8
Richmond-----	5,280	8,761	+3,481	+65.9
Rochester-----	7,445	11,091	+3,646	+49.0
Sacramento-----	3,185	6,986	+3,791	+118.7
St. Louis-----	19,686	26,172	+6,486	+32.9
St. Paul-----	8,231	10,343	+2,112	+25.7
Salt Lake City-----	5,484	8,041	+2,557	+46.6
San Antonio-----	13,743	14,943	+1,200	+8.0
San Diego-----	6,689	10,425	+3,736	+55.9
San Francisco-----	16,221	19,226	+3,005	+18.5
Scranton-----	2,536	3,990	+1,454	+57.3
Seattle-----	13,608	14,843	+1,235	+9.1
Somerville-----	2,208	1,405	-804	-36.4
South Bend-----	3,140	4,235	+1,095	+34.9
Spokane-----	4,066	5,974	+1,908	+46.9
Springfield, Mass.-----	4,040	5,213	+1,173	+29.0
Syracuse-----	4,731	7,929	+3,198	+67.6
Tacoma-----	3,720	4,625	+905	+24.3
Tampa-----	3,812	3,979	+167	+4.4
Toledo-----	8,196	10,753	+2,557	+31.2
Trenton-----	2,516	4,882	+2,366	+94.0
Tulsa-----	4,585	5,959	+1,374	+30.0
Utica-----	2,109	3,432	+1,323	+62.7
Washington, D. C.-----	19,814	27,672	+7,858	+39.7
Wichita-----	5,071	5,668	+597	+11.8
Wilmington, Del.-----	2,940	5,213	+2,273	+77.3
Worcester-----	4,142	5,703	+1,561	+37.7
Yonkers-----	2,869	3,054	+185	+6.5
Youngstown-----	4,468	6,295	+1,827	+40.9

¹In computing percentages, resident births have been used as the base.

NOTE.—Cities shown are those having populations of 100,000 or more according to the 1940 census.

community, a careful study of local conditions is necessary to explain the varying differences observed between residence and occurrence statistics. Among the important factors are: the number and location of hospitals in suburbs surrounding a given city, the density of population in adjacent rural areas and the distance to other cities, and the extent to which hospital facilities are available within the given city.

EFFECT OF RESIDENCE ALLOCATION ON MORTALITY STATISTICS

Of the 1,443,607 deaths registered in the continental United States in 1949, 380,401, or 26.4 percent, were nonresidents of the city or county in which the death occurred. This proportion of nonresident deaths is much higher than the 18.7 percent recorded in 1948.

Most of the nonresident deaths tabulated for any State are those of residents of some other part of the same State and do not, therefore, represent population movement between States. Of the 380,401 nonresident deaths in 1949, 43,656 were interstate nonresidents. These comprise 11.5 percent of all nonresident deaths and only 3.0 percent of all deaths.

The effect of allocation of deaths in 1949 to the place of residence is given in table P. This table shows the total number of deaths that occurred in each State, the number of these that were of nonresidents, the number of deaths of residents that occurred in other areas (exclusive of deaths among the armed forces overseas), and the total number of deaths of residents.

An inspection of table Q indicates a relatively small difference between the total number of deaths occurring in a State and the total number of deaths of residents of the State. In general, interstate nonresident deaths are a small proportion of the total deaths and, in most cases, the number of residents leaving a State and dying in other States approximately balances the number of residents of other States dying within the State. Except in States where a large number of out-of-State nonresidents are to be expected, reallocation does not greatly change the State totals. As shown in table Q, the greatest differences between the number of recorded and resident deaths were reported in 1949 for Arizona where the recorded total exceeded the number of resident deaths by 7.4 percent and for Florida where the difference was 5.0 percent. For 32 States the difference, plus or minus, was 1.0 percent or less.

Generally speaking, it is not necessary to reallocate deaths to the place of residence in order to obtain fairly comparable State totals. In the case of individual areas within the State, however, reallocation is very important because of the relatively large intrastate movement of the population. To obtain correct figures for areas near State borders, it is necessary that the reallocation be on an interstate as well as on an intrastate basis.

The proportion of nonresident deaths, given in table R, was increased significantly by the change in definition discussed on page IX. Deaths occurring in areas other than the place of residence only increased from 14.1 percent of all registered deaths in 1939 to 18.7 percent in 1948. But, with the change in definition of place of residence, it rose from 18.7 percent in 1948 to 26.4 percent in 1949. The proportion of deaths occurring in a State other than the State of residence was also affected, but to a lesser degree, increasing from 2.7 percent in 1948 to 3.0 percent in 1949.

The reallocation of deaths to the place of residence of the decedent affects mortality data for urban places of various population sizes. Table S shows, for places classified according to population size, the total number of deaths of residents in 1949, wherever occurring, except among the armed forces overseas, and the total number of deaths occurring in each area. From these data it is apparent that the number of recorded deaths for urban places is higher than the number

INTRODUCTION

TABLE P.—DEATHS OF NONRESIDENTS IN EACH STATE AND DEATHS OF RESIDENTS IN OTHER STATES: 1949
(Exclusive of fetal deaths and of deaths among armed forces overseas)

AREA	Total deaths in area	DEATHS						Total deaths of residents
		Of nonresidents in area			Of residents in other areas			
		Total	From same State	From other States	Total	In same State	In other States	
UNITED STATES	1,443,607	380,401	336,745	43,656	380,401	336,745	43,656	1,443,607
Alabama	26,461	5,905	5,376	527	6,172	5,376	796	26,750
Arizona	6,872	2,257	1,497	760	1,782	1,497	285	6,397
Arkansas	15,548	4,211	3,465	746	4,543	3,465	878	15,680
California	100,361	30,636	29,274	1,362	30,629	29,274	1,355	100,354
Colorado	12,716	3,860	3,160	700	3,559	3,160	399	12,415
Connecticut	18,635	4,378	4,491	487	5,172	4,491	681	18,629
Delaware	3,367	1,056	841	215	999	841	158	3,330
District of Columbia	8,662	1,209	...	1,209	975	...	975	8,448
Florida	26,851	8,107	5,873	2,234	6,832	5,873	859	25,376
Georgia	29,704	7,026	6,100	926	6,930	6,100	830	29,608
Idaho	4,572	1,505	1,256	249	1,554	1,256	378	4,701
Illinois	91,029	22,488	20,839	1,649	24,027	20,839	3,188	92,566
Indiana	39,889	10,298	9,052	1,246	10,425	9,052	1,373	40,026
Iowa	26,308	7,771	6,664	1,107	7,569	6,664	905	26,406
Kansas	18,940	5,714	4,637	1,077	5,588	4,637	851	18,814
Kentucky	27,764	6,337	5,455	882	5,619	5,455	1,164	28,046
Louisiana	23,583	6,042	5,442	600	5,879	5,442	437	23,400
Maine	10,054	2,646	2,396	250	2,891	2,396	295	10,099
Maryland	22,668	5,451	3,835	1,616	4,893	3,835	1,058	22,110
Massachusetts	50,989	11,821	10,614	1,207	11,599	10,614	985	50,787
Michigan	57,150	16,693	15,825	873	16,970	15,825	1,145	57,422
Minnesota	28,220	8,499	7,251	1,248	7,998	7,251	747	27,719
Mississippi	20,522	4,427	3,902	525	4,566	3,902	664	20,661
Missouri	44,007	10,837	8,960	1,877	10,655	8,960	1,695	43,825
Montana	5,867	1,842	1,576	266	1,853	1,576	277	5,878
Nebraska	12,507	3,234	2,794	440	3,371	2,794	577	12,644
Nevada	1,656	487	295	192	441	295	146	1,610
New Hampshire	6,092	1,708	1,306	402	1,725	1,306	419	6,109
New Jersey	46,854	15,092	13,760	1,332	16,118	13,760	2,358	47,880
New Mexico	5,724	1,659	1,102	557	1,511	1,102	409	5,576
New York	154,926	36,119	33,488	2,631	36,213	33,488	2,725	155,020
North Carolina	31,085	8,487	7,569	918	8,411	7,569	842	31,009
North Dakota	5,148	1,905	1,595	310	1,979	1,595	384	5,222
Ohio	80,189	18,806	17,114	1,692	18,986	17,114	1,872	80,368
Oklahoma	18,854	5,035	4,562	473	5,575	4,562	1,013	18,394
Oregon	13,949	4,265	3,712	553	4,207	3,712	495	13,891
Pennsylvania	107,840	28,176	26,348	1,828	28,699	26,348	2,351	108,363
Rhode Island	7,997	2,349	2,057	292	2,423	2,057	366	8,071
South Carolina	17,400	4,403	4,014	389	4,497	4,014	483	17,494
South Dakota	5,674	1,837	1,503	334	1,850	1,503	347	5,687
Tennessee	29,955	7,365	5,610	1,755	6,403	5,610	793	29,995
Texas	63,348	14,821	13,528	1,293	14,810	13,528	1,282	63,337
Utah	5,022	1,445	1,194	251	1,352	1,194	158	4,929
Vermont	4,154	1,270	1,041	229	1,278	1,041	237	4,162
Virginia	29,262	7,754	6,538	1,216	7,837	6,538	1,299	29,345
Washington	22,590	6,481	5,792	689	6,412	5,792	620	22,481
West Virginia	17,431	5,275	4,337	938	5,149	4,337	812	17,305
Wisconsin	32,987	10,097	9,240	857	10,103	9,240	863	32,993
Wyoming	2,405	712	465	247	692	465	227	2,385

TABLE Q.—DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS: EACH STATE, 1949
(Exclusive of fetal deaths and of deaths among armed forces overseas)

AREA	DIFFERENCE		AREA	DIFFERENCE		AREA	DIFFERENCE	
	Number	Percentage ¹		Number	Percentage ¹		Number	Percentage ¹
UNITED STATES	...	...	Kentucky	-282	-1.0	North Dakota	-74	-1.4
Alabama	-269	-1.0	Louisiana	+163	+0.7	Ohio	-180	-0.2
Arizona	+475	+7.4	Maine	-45	-0.4	Oklahoma	-540	-2.8
Arkansas	-132	-0.8	Maryland	+558	+2.5	Oregon	+59	+0.4
California	+7	+0.0	Massachusetts	+222	+0.4	Pennsylvania	-523	-0.5
Colorado	+301	+2.4	Michigan	-272	-0.5	Rhode Island	-74	-0.9
Connecticut	-194	-1.0	Minnesota	+501	+1.8	South Carolina	-94	-0.5
Delaware	+87	+1.7	Mississippi	-139	-0.7	South Dakota	-13	-0.2
District of Columbia	+234	+2.8	Montana	+162	+0.4	Tennessee	+862	+3.5
Florida	+1,275	+5.0	Nebraska	-11	-0.2	Texas	+11	+0.0
Georgia	+96	+0.3	Nevada	-17	-0.3	Utah	+93	+1.9
Idaho	-129	-2.7	New Hampshire	+46	+2.9	Vermont	-8	-0.2
Illinois	-1,539	-1.7	New Jersey	-1,026	-2.1	Virginia	-83	-0.3
Indiana	-127	-0.3	New Mexico	+148	+2.7	Washington	+69	+0.3
Iowa	+202	+0.8	New York	-94	-0.1	West Virginia	+126	+0.7
Kansas	+126	+0.7	North Carolina	+76	+0.2	Wisconsin	-6	-0.0
						Wyoming	+20	+0.8

¹In computing percentages, resident deaths have been used as the base.

of resident deaths. The converse is true of deaths for rural areas.

The trend of the percentage differences between the totals of resident and recorded deaths for urban and rural areas is given in table T. The deficiency of deaths occurring in rural areas, as compared with deaths of rural residents, went up from 11.2 percent in 1940 to 15.6 percent in 1948 and 14.4 in 1949. Conversely, the excess of deaths in urban areas over deaths of urban residents increased from 7.4 percent in 1940 to 9.2 percent in 1948 and 8.3 percent in 1949.

TABLE B.—NUMBER AND PERCENT OF NONRESIDENT DEATHS FROM THE SAME STATE AND FROM OTHER STATES: UNITED STATES, 1939-49

YEAR	Total deaths	NONRESIDENT DEATHS			PERCENT OF NON-RESIDENT DEATHS		
		Total	From same State	From other States	Total	From same State	From other States
1949	1,443,807	580,401	356,745	43,656	26.4	23.5	3.0
1948	1,444,337	269,485	230,521	38,964	18.7	16.0	2.7
1947	1,445,370	266,081	226,774	39,307	18.4	15.7	2.7
1946	1,395,617	287,886	219,565	36,321	18.5	15.7	2.7
1945	1,401,719	254,793	216,551	38,242	18.2	15.4	2.7
1944	1,411,339	243,678	206,603	37,075	17.3	14.6	2.6
1943	1,459,544	266,739	228,262	38,477	18.3	15.6	2.6
1942	1,385,187	244,752	210,955	33,797	17.7	15.2	2.4
1941	1,397,642	246,811	213,108	33,703	17.7	15.2	2.4
1940	1,417,239	209,178	179,365	29,813	14.8	12.7	2.1
1939	1,397,897	195,612	168,399	27,213	14.1	12.1	2.0

TABLE S.—RESIDENT AND RECORDED DEATHS, AND PERCENTAGE DIFFERENCE, URBAN AND RURAL: UNITED STATES, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas)

AREA	Deaths of residents	Deaths in area	DIFFERENCE	
			Number	Percentage ¹
UNITED STATES	1,443,807	1,443,807	...	...
Urban	914,658	990,769	+76,101	+8.3
Places of 100,000 or more	459,677	474,692	+14,815	+3.2
Places of 25,000 to 100,000	179,330	205,721	+26,391	+14.7
Places of 10,000 to 25,000	121,696	140,222	+18,526	+15.2
Places of 2,500 to 10,000	153,755	170,124	+16,369	+10.6
Rural	528,949	452,849	-76,101	-14.4

¹In computing percentages, resident deaths have been used as the base.

TABLE T.—PERCENTAGE¹ DIFFERENCE BETWEEN RESIDENT AND RECORDED DEATHS; URBAN AND RURAL: UNITED STATES, 1940-49

AREA	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940
Urban	+9.3	+9.2	+8.7	+8.7	+8.6	+7.7	+8.9	+8.7	+8.5	+7.4
Places of:										
100,000 or more	+3.2	+5.8	+5.5	+5.8	+6.0	+4.3	+6.1	+5.7	+5.2	+5.1
25,000 to 100,000	+14.7	+14.2	+14.0	+14.3	+13.6	+13.5	+13.5	+13.1	+13.9	+12.1
10,000 to 25,000	+15.2	+14.8	+12.8	+12.7	+12.8	+13.3	+13.4	+13.4	+12.1	+12.1
2,500 to 10,000	+10.6	+8.9	+8.4	+7.8	+7.3	+7.2	+8.7	+8.8	+8.1	+4.9
Rural	-14.4	-15.6	-14.9	-15.1	-14.9	-12.9	-14.8	-13.8	-12.9	-11.2

¹In computing percentages, resident deaths have been used as the base.

The number of resident and recorded deaths in 1949 and the percentage differences between these figures are shown in table U for 92 individual cities having populations of 100,000 or more in 1940. In all except 12 of these large cities, the number of recorded deaths was higher than the number of resident deaths. These cities are located near other urban places with large hospital facilities or have a portion of their hospital facilities located in the surrounding suburbs.

TABLE U.—RESIDENT AND RECORDED DEATHS, AND PERCENTAGE DIFFERENCE: 92 MAJOR CITIES, 1949

(Exclusive of fetal deaths, and of deaths among armed forces overseas)

AREA	Deaths of residents	Deaths in area	DIFFERENCE	
			Number	Percentage ¹
Akron	2,313	2,405	+92	+4.0
Albany	1,828	2,059	+231	+12.6
Atlanta	4,015	4,250	+235	+5.8
Baltimore	10,852	11,329	+477	+4.4
Birmingham	3,167	3,439	+272	+8.6
Boston	9,621	11,099	+1,478	+15.4
Bridgeport	1,602	1,691	+89	+5.5
Buffalo	6,687	7,193	+506	+7.6
Cambridge	1,311	1,525	+214	+16.3
Canton	1,385	1,687	+302	+21.8
Charlotte	1,285	1,315	+30	+2.3
Charlotte	1,096	1,328	+232	+21.2
Chatanooga	1,518	1,616	+98	+6.4
Chicago	41,418	37,782	-3,636	-8.8
Cincinnati	6,373	7,230	+857	+13.4
Cleveland	10,084	10,509	+425	+4.2
Columbus	3,880	4,807	+927	+23.9
Dallas	3,374	3,975	+601	+17.8
Dayton	2,765	2,929	+164	+5.9
Denver	4,297	4,684	+387	+9.0
Des Moines	1,612	2,231	+619	+38.4
Detroit	16,635	14,962	-1,673	-10.1
Duluth	1,155	1,299	+144	+12.5
Elizabeth	1,143	1,275	+132	+11.5
Erie	1,366	1,424	+58	+4.2
Fall River	1,360	1,511	+151	+11.1
Flint	1,416	1,616	+200	+14.1
Fort Wayne	1,356	1,534	+178	+13.1
Fort Worth	2,422	2,571	+149	+6.2
Gary	1,186	1,223	+37	+3.1
Grand Rapids	1,958	1,875	-83	-4.2
Hartford	1,768	2,147	+379	+21.4
Houston	4,871	5,152	+281	+5.8
Indianapolis	5,179	5,642	+463	+8.9
Jacksonville, Fla.	2,324	2,407	+83	+3.6
Jersey City	3,395	3,618	+223	+6.6
Kansas City, Kans.	1,395	1,679	+284	+20.3
Kansas City, Mo.	5,346	5,592	+246	+4.6
Knoxville	1,226	1,623	+397	+32.4
Long Beach	2,551	2,195	-356	-14.0
Los Angeles	21,070	21,273	+203	+1.0
Louisville	4,355	4,583	+228	+5.2
Lowell	1,273	1,368	+95	+7.4
Memphis	3,590	4,303	+713	+19.9
Miami	2,450	2,464	+14	+0.6
Milwaukee	6,256	5,647	-609	-9.7
Minneapolis	5,301	5,625	+324	+6.1
Nashville	2,226	2,558	+332	+14.9
Newark, N. J.	4,964	5,005	+41	+0.8
New Bedford	1,325	1,216	-109	-8.2
New Haven	1,848	2,201	+353	+19.1
New Orleans	6,156	7,550	+1,394	+22.6
New York	81,527	78,588	-2,939	-3.6
Norfolk	2,016	2,031	+15	+0.7
Oakland	4,286	4,704	+418	+9.8
Oklahoma City	1,939	2,403	+464	+23.9
Omaha	2,536	2,942	+406	+16.0
Pateron	1,606	1,764	+158	+9.8
Peoria	1,224	1,424	+200	+16.3
Philadelphia	23,889	24,576	+687	+2.9
Pittsburgh	8,115	8,569	+454	+5.6
Portland, Oreg.	4,547	4,613	+66	+1.5
Providence	2,828	3,057	+229	+8.1
Reading	1,387	1,158	-229	-16.5
Richmond	2,791	3,296	+505	+18.1
Rochester	3,965	4,261	+296	+7.4
Sacramento	1,889	2,240	+351	+18.6
St. Louis	10,534	11,377	+843	+8.0
St. Paul	3,268	3,574	+306	+9.4
Salt Lake City	1,542	1,927	+385	+25.0
San Antonio	3,851	3,998	+147	+3.8
San Diego	2,981	3,152	+171	+5.7
San Francisco	9,559	9,742	+183	+1.9
Saranton	1,639	1,780	+141	+8.6
Seattle	5,721	5,660	-61	-1.1
Somerville	1,094	846	-248	-22.7
South Bend	1,048	1,156	+108	+10.3
Spokane	1,941	2,168	+227	+11.7
Springfield, Mass.	1,826	1,922	+96	+5.3
Syracuse	2,566	2,632	+66	+2.6
Tacoma	1,597	1,846	+249	+15.6
Tampa	1,659	1,607	-52	-3.1
Toledo	3,605	4,069	+464	+12.6
Trenton	1,443	1,563	+120	+8.3
Tulsa	1,574	1,778	+204	+13.0
Utica	1,231	1,579	+348	+28.3
Washington, D. C.	8,449	8,692	+243	+2.9
Wichita	1,558	1,658	+100	+6.4
Wilmington, Del.	1,396	1,563	+167	+12.0
Worcester	2,244	2,816	+572	+25.5
Yonkers	1,487	1,366	-121	-8.1
Youngstown	1,852	2,118	+266	+14.4

¹In computing percentages, resident deaths have been used as the base.

NOTE.—Cities shown are those having populations of 100,000 or more according to the 1940 census.

RESIDENT AND NONRESIDENT MARRIAGES

Numbers and percentage distribution of marriages classified according to whether either the bride or the groom, or both, or neither, resided in the States where the marriage occurred are shown in table W for 15 States for 1949. This table is a compilation of all available data on the subject. It is not necessarily representative of the United States as a whole.

The data reveal the importance and need of tabulations by place of residence. Of the 233,912 marriages recorded in 1949 in the 15 specified States, 49,711 or 21.3 percent occurred in a State where neither party resided. In Mississippi, nonresident couples constituted 45.4 percent of the total number of marriages in the State; in New Hampshire, 40.6 percent; and in Idaho, 32.7 percent. North Dakota was at the other extreme with a negligible number of marriages between nonresidents (0.2 percent). The percentages of marriages where only one of the parties was a nonresident ranged from 14.2 percent in Delaware to 5.4 percent in Mississippi. In each instance, marriages of resident brides and nonresident grooms were more numerous than the reverse combination. It should be pointed out that the criteria determining residence are not necessarily uniform in all reporting States.

TABLE W.—NUMBER AND PERCENTAGE DISTRIBUTION OF MARRIAGES, BY RESIDENCE STATUS OF BRIDE AND GROOM IN STATES OF OCCURRENCE: 15 REPORTING STATES, 1949
(By place of occurrence)

AREA	Total	Resident bride and groom	Resident bride and nonresident groom	Nonresident bride, resident groom	Nonresident bride and groom	Not stated for either or both	NUMBER					
							TOTAL	Resident bride and groom	Resident bride and nonresident groom	Nonresident bride, resident groom	Nonresident bride and groom	Not stated for either or both
TOTAL	233,912	165,751	14,328	6,056	49,711	64						
Connecticut	18,541	14,609	1,415	374	2,144	1						
Delaware	2,597	1,885	230	137	367	-						
Idaho	7,565	4,501	485	300	2,470	1						
Iowa	25,515	19,561	1,578	582	3,951	33						
Kansas	17,538	13,448	1,637	680	1,783	-						
Louisiana ¹	16,205	16,351	870	392	612	-						
Maine	8,085	6,947	366	159	613	-						
Mississippi	52,765	25,978	1,759	1,068	25,960	-						
Nebraska	12,743	10,123	924	510	1,566	-						
New Hampshire	7,428	3,546	622	245	3,015	-						
North Dakota	4,828	4,158	474	179	12	6						
South Dakota	6,519	4,636	590	163	1,149	21						
Tennessee	15,024	12,666	1,151	276	931	-						
Vermont	3,385	2,576	277	128	402	2						
Virginia	33,174	23,208	2,004	1,056	6,906	-						
							PERCENT					
TOTAL	100.0	70.0	6.1	2.6	21.3	0.0						
Connecticut	100.0	78.6	7.6	2.0	11.6	0.0						
Delaware	100.0	71.7	8.9	5.3	14.1	0						
Idaho	100.0	56.9	6.5	4.0	32.7	0.0						
Iowa	100.0	75.9	6.2	2.3	15.5	0.1						
Kansas	100.0	76.7	9.3	3.8	10.2	0						
Louisiana ¹	100.0	89.7	4.8	2.2	3.4	0						
Maine	100.0	85.9	4.5	2.0	7.6	0						
Mississippi	100.0	49.2	3.3	2.1	45.4	0						
Nebraska	100.0	79.4	7.3	2.4	10.9	0						
New Hampshire	100.0	47.7	8.4	3.3	40.6	0						
North Dakota	100.0	86.1	9.6	3.7	0.2	0.1						
South Dakota	100.0	71.1	8.4	2.5	17.6	0.3						
Tennessee	100.0	84.3	7.7	1.8	6.2	0						
Vermont	100.0	76.1	8.2	3.8	11.9	0.1						
Virginia	100.0	70.0	6.0	3.2	20.8	0						

¹Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, and Webster. Estimated total for State, 26,000 marriages.

While these data indicate a considerable degree of immigration to certain States for the purpose of getting married, they do not show the corresponding out-migration. It is therefore impossible to ascertain the effect of allocating marriages according to place of residence, and such classification will not be possible until tabulations of marriages by residence are available for all States.

The crude marriage rates shown in subsequent pages of this volume are based on the number of marriages occurring in a State and on its resident population. Although data on marriages by place of occurrence are useful and necessary for many purposes, tabulations by place of residence and the computation of resident rates would provide data of greater value and meaning for many uses.

NATALITY STATISTICS

During 1949 there were 3,559,529 live births registered in the United States. This is slightly higher than the figure for the previous year (3,535,068) and is the second highest annual number of births recorded in this country. The all-time peak was reached in 1947 when 3,699,940 births were registered. The estimated total number of children born in 1949, allowing for underregistration, was 3,722,000 and in 1947—3,876,000.

Births registered in 1949 represent a crude birth rate of 24.0 per 1,000 population excluding the armed forces overseas, a decrease of 7.0 percent from the postwar high of 25.8 in 1947. The corresponding rate for 1948 was 24.2.

Part of the decline in the crude birth rate since 1947 reflects an increase in the proportion of the population outside the reproductive age span. Fertility, as measured by relating births to the number of women 15-44 years of age, showed a decrease of only 4.5 percent between 1947 and 1949. The loss resulted from a decrease in fertility among women of all ages, except the very young (15-19 year-olds).

The rate indicating birth of a first child declined sharply between 1947 and 1949 (21.7 percent) following a comparable drop in the marriage rate. This was partially offset by the substantial increases in the rates for second and third births and by the moderate rise in the rate for fourth births.

Nativity trend

The national birth-registration area was established in 1915 with 10 States and the District of Columbia and until 1933 there was only partial coverage of the United States (tables B and Y). In the past, crude birth rates based on recorded births

TABLE Y.—YEAR IN WHICH EACH STATE WAS ADMITTED TO THE BIRTH-REGISTRATION AREA

YEAR	STATE	YEAR	STATE	YEAR	STATE
1915	Connecticut	1917	Utah	1925	West Virginia
	Maine		Virginia	1926	Arizona
	Massachusetts		Washington		Idaho
	Michigan		Wisconsin	1927	Alabama
	Minnesota	1919	California		Arkansas
	New Hampshire		Oregon		Louisiana
	New York		South Carolina ²		Missouri
	Pennsylvania	1920	Nebraska		Tennessee
	Rhode Island ¹	1921	Delaware	1928	Colorado
	Vermont		Mississippi		Georgia
	Dist. of Columbia ²		New Jersey		Oklahoma
1916	Maryland	1922	Illinois	1929	Nevada
1917	Indiana		Montana		New Mexico
	Kansas		Wyoming	1932	South Dakota
	Kentucky	1924	Kentucky	1933	Texas
	North Carolina		Iowa		
	Ohio		North Dakota		

¹Dropped from the birth-registration area in 1919; readmitted in 1921.

²Included in States.

³Dropped from the birth-registration area in 1925; readmitted in 1928.

in the expanding registration area have generally been used to indicate the trend in the birth rate for the United States. Rates for each year since 1915 together with the number of births in the birth-registration area are shown in table Z, which also gives the estimated midyear population for both the States included in the area and the continental United States.

TABLE Z.—CRUDE BIRTH RATES: BIRTH-REGISTRATION STATES, 1915-49
(Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population of continental United States ¹	BIRTH-REGISTRATION STATES		
		Estimated midyear population ²	Live births	
			Number	Rate ³
1949	149,149,000	146,558,000	5,559,529	24.0
1948	146,621,000	146,045,000	5,555,068	24.2
1947	144,129,000	143,375,000	5,699,940	25.8
1946	141,396,000	141,399,000	5,288,672	25.3
1945	139,954,000	139,954,000	2,735,456	19.5
1944	138,390,000	138,390,000	2,794,600	20.2
1943	135,719,000	136,719,000	2,954,660	21.5
1942	134,631,000	134,631,000	2,806,996	20.8
1941	133,377,000	133,377,000	2,513,427	18.8
1940	132,114,000	132,114,000	2,360,399	17.9
1939	130,879,718	130,879,718	2,265,586	17.3
1938	129,624,939	129,624,939	2,286,962	17.6
1937	128,324,829	128,324,829	2,203,337	17.1
1936	128,053,180	128,053,180	2,144,790	16.7
1935	127,250,232	127,250,232	2,155,105	16.9
1934	126,373,773	126,373,773	2,167,636	17.2
1933	125,578,763	125,578,763	2,081,232	16.6
1932	124,840,471	118,903,899	2,074,042	17.4
1931	124,039,648	117,455,229	2,112,760	18.0
1930	123,076,741	116,544,946	2,203,956	18.9
1929	121,769,939	115,317,450	2,169,920	18.8
1928	120,501,115	113,636,160	2,233,149	19.7
1927	119,038,062	104,320,830	2,137,836	20.5
1926	117,399,225	90,400,590	1,856,068	20.5
1925	115,931,963	88,294,564	1,078,680	21.3
1924	114,113,463	87,000,295	1,930,614	22.2
1923	111,949,945	81,072,123	1,792,646	22.1
1922	110,054,778	79,560,746	1,774,911	22.3
1921	108,541,489	70,807,090	1,714,261	24.2
1920	106,466,420	63,597,307	1,508,874	23.7
1919	104,512,110	61,212,076	1,373,439	22.4
1918	103,202,801	55,155,782	1,363,649	24.7
1917	103,265,915	55,197,952	1,353,792	24.5
1916	101,965,984	32,944,013	818,983	24.9
1915	100,549,015	31,096,697	776,304	25.0

¹For 1940-49, includes armed forces overseas.
²For 1947-49, excludes armed forces overseas; for 1940-46, includes armed forces overseas.
³Rate for 1949 including armed forces overseas is 23.9; for 1946, 24.1; for 1947, 25.7.

Recently, however, estimates of total births in the United States have become available for each year since the formation of the registration area.²² These data which are given in table AA include estimates for: (1) States missing from the registration area prior to 1933 and (2) unregistered births for all years. Comparison of the rates based on estimates of total births with the unadjusted rates indicates that the trends in both series are similar in their broad aspects. Both show slight variations between 1915 and 1918, a sharp drop in the first year after World War I (1919) followed by increases in the next 2 years to a postwar peak in 1921. For this year the adjusted rate was 28.1 per 1,000 population. The birth rate then declined at a relatively rapid rate until 1933 when it reached what is believed to be the all-time low for the United

²²Correction factors for years prior to 1935 were prepared by P. K. Whelpton and are published in "Births and Birth Rates in the Entire United States, 1909 to 1948," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 33, No. 8, 1950. Percentages of registration completeness for the period 1935 through 1949 are given in table E.

TABLE AA.—ESTIMATED LIVE BIRTHS AND BIRTH RATES CORRECTED FOR UNDERREGISTRATION, BY RACE: UNITED STATES, 1915-49

(Includes an adjustment for States not in the birth-registration area prior to 1933. Estimates were rounded to the nearest thousand without being adjusted to totals, which were independently rounded. Rates per 1,000 estimated midyear population in each specified group)

YEAR	NUMBER			RATE ¹		
	All races	White	Nonwhite	All races	White	Nonwhite
1949	3,722,000	3,171,000	551,000	25.1	23.8	35.0
1948	3,702,000	3,173,000	529,000	25.3	24.3	34.4
1947	3,876,000	3,377,000	499,000	27.0	26.3	33.1
1946	3,456,000	3,013,000	443,000	24.5	23.8	30.0
1945	2,694,000	2,487,000	408,000	20.7	19.9	28.0
1944	2,969,000	2,558,000	411,000	21.5	20.7	28.7
1943	3,127,000	2,715,000	413,000	22.9	22.2	29.3
1942	3,005,000	2,610,000	393,000	22.3	21.6	28.4
1941	2,710,000	2,332,000	378,000	20.3	19.5	27.7
1940	2,558,000	2,199,000	360,000	19.4	18.6	26.7
1939	2,466,000	2,117,000	349,000	18.8	18.0	26.1
1938	2,496,000	2,148,000	348,000	19.2	18.4	26.3
1937	2,413,000	2,071,000	342,000	18.7	17.9	26.0
1936	2,355,000	2,027,000	328,000	18.4	17.6	25.1
1935	2,377,000	2,042,000	334,000	18.7	17.9	25.8
1934	2,396,000	2,058,000	338,000	19.0	18.1	26.3
1933	2,507,000	1,982,000	325,000	18.4	17.6	25.5
1932	2,440,000	2,099,000	341,000	19.5	18.7	26.9
1931	2,506,000	2,170,000	336,000	20.2	19.5	26.6
1930	2,618,000	2,274,000	344,000	21.3	20.6	27.5
1929	2,582,000	2,244,000	338,000	21.2	20.5	27.3
1928	2,674,000	2,325,000	349,000	22.2	21.5	28.5
1927	2,802,000	2,425,000	377,000	23.5	22.7	31.1
1926	2,839,000	2,441,000	398,000	24.2	23.1	33.4
1925	2,909,000	2,506,000	403,000	25.1	24.1	34.2
1924	2,979,000	2,577,000	401,000	26.1	25.1	34.6
1923	2,910,000	2,531,000	380,000	26.0	25.2	33.2
1922	2,882,000	2,507,000	375,000	26.2	25.4	33.2
1921	3,055,000	2,657,000	398,000	28.1	27.3	35.8
1920	2,850,000	2,566,000	385,000	27.7	26.9	35.0
1919	2,740,000	2,387,000	353,000	26.2	25.5	32.6
1918	2,948,000	2,588,000	360,000	28.6	28.0	33.2
1917	2,944,000	2,587,000	357,000	28.5	28.0	32.9
1916	2,964,000	2,599,000	---	29.1	28.5	---
1915	2,985,000	2,594,000	---	29.5	28.9	---

¹For 1947-49, based on population excluding armed forces overseas; for 1940-46, on population including armed forces overseas.

SOURCE: Estimates for 1915-34, prepared by P. K. Whelpton, Scripps Foundation; estimates for 1935-49, prepared by the National Office of Vital Statistics. Methods used provide a consistent time series.

States (18.4—adjusted). After 1933, there was a slow but irregular upward movement through 1940. This was succeeded by a more rapid rise in 1941 and 1942, and a moderate increase in 1943 to the high point for the World War II period (22.9—adjusted). The birth rate declined during the last 2 years of the war, then rose sharply in the immediate postwar period to the 1947 rate of 27.0 based on births corrected for underregistration. Although the rate declined in the following 2 years, it was still very high in comparison with war and prewar years.

The rise in the birth rate during the years 1940 to 1943 is generally ascribed to factors related to the war and to the prosperity during this period.²³ The declines in 1944 and 1945 were due in part to the absence of large numbers of young men from the United States for prolonged periods of time. Despite these decreases, however, the 1945 rate was higher than those for the years immediately prior to the war. The sharp rise in the birth rate during the first two postwar years undoubtedly reflects the demobilization of the armed forces at the end of 1945 and in the early part of 1946, the record number of marriages which ensued, and the continued high levels of employment.

²³See pages 26-28, "Forecasts of the Population of the United States, 1945-1975," by P. K. Whelpton, issued by the Bureau of the Census, for discussion of causes of short-time changes in birth rates.

Some differences in the characteristics of the corrected and uncorrected series are noteworthy. These arise in part from improvement in registration completeness (table E) and in part from the fact that many of the States which have consistently had relatively high rates did not enter the registration area until very late. As a result, the unadjusted rates show a somewhat smaller decline from 1921 to 1933 than do the adjusted. Furthermore, the increases that followed the depression low points were more marked when using rates based on only registered births. The unadjusted series also does not reveal the important fact that the 1947 rate was exceeded by the rates for each of the years 1915 to 1921 except 1919.

Estimates of the total number of births (table AA) are also of considerable significance. They indicate that the decline in the crude birth rate between 1921 and 1933 meant a decrease in the annual number of births from 3,055,000 to 2,307,000. This change could not be obtained directly from data for the registration area. The estimates for recent years give a more adequate basis than registered birth figures for judging requirements in such fields as schools, business, etc. This is particularly true when births covering several years are being considered. For example, a calculation of the number of children of grammar school ages in 1955 would be based on the number of births during the years 1942 to 1949, with allowance for mortality. The total number of registered births for this 8-year period was 25,357,321, while the estimated total number corrected for underregistration was 26,751,000, nearly one and a half million more.

Births by race

Following the end of World War II, the birth rate for the white race rose to a postwar peak in 1947 and decreased in each of the two following years. The rate for the nonwhite group increased comparatively slowly in the first two postwar years but continued to gain after 1947. In most previous years, however, the fluctuations in the birth rates for the two groups have been in the same direction. Thus, during World War II similar patterns were followed by the rates for the white and the nonwhite although the rate for the white population varied more widely than for the nonwhite.

The estimated total births in the United States by race and the numbers of recorded white and nonwhite births in the registration area with the corresponding rates are given in tables AA and AB, respectively. To measure the changes in the birth rate over an extended period of time for each race group it is especially important to use the adjusted rather than the registered data. For the nonwhite group, the figures on estimated total births indicate that the 1949 rate (35.0) was close to the highest rate in the series (35.8) which was recorded in 1921. The corrected rate for the white group in 1947, the peak post World War II rate, was almost as high as in 1921, but by 1949 the rate had dropped well below this point.

In all years the birth rate for the nonwhite group was affected by the adjustment to a greater extent than the rate for the white. Thus, the rates for the two race groups are farther apart than indicated by the unadjusted figures. In 1949, for example, the rate for the nonwhite population based on total births (35.0) was 47 percent higher than the rate among the white. The difference based on registered events, on the other hand, was only 31 percent.

Natural increase of population

For 1949, the natural increase of the population (the total number of births less the number of deaths in the year) was estimated at 2,272,000, or only 148,000 less than in 1947, the year of peak increase. The natural increase for 1940 amounted

to only 1,130,000. Estimates of the numbers of unregistered births and deaths and the number of deaths among the armed forces overseas were included with data on registered births and deaths in determining the natural increase of the population.

TABLE AB.—BIRTHS AND BIRTH RATES, BY RACE: BIRTH-REGISTRATION STATES, 1915-49
(Rates based on live births per 1,000 estimated midyear population in each specified group)

YEAR	NUMBER			RATE ¹		
	All races	White	Nonwhite	All races	White	Nonwhite
1949	3,559,529	3,085,721	475,808	24.0	25.2	30.5
1948	3,535,068	3,080,316	454,752	24.2	23.6	29.5
1947	3,699,940	3,274,620	425,320	25.8	25.5	28.2
1946	3,288,672	2,913,645	375,027	23.3	23.0	25.3
1945	2,735,456	2,395,563	339,893	19.5	19.2	23.3
1944	2,794,800	2,454,700	340,100	20.2	19.8	23.7
1943	2,854,860	2,594,763	340,097	21.5	21.2	24.1
1942	2,808,998	2,486,834	322,062	20.8	20.6	23.2
1941	2,513,427	2,204,903	308,524	18.8	18.5	22.6
1940	2,380,399	2,067,953	292,446	17.9	17.5	21.7
1939	2,285,588	1,992,671	262,917	17.3	16.9	21.2
1938	2,286,962	2,005,955	261,007	17.6	17.2	21.2
1937	2,205,337	1,928,437	274,900	17.1	16.7	20.9
1936	2,144,790	1,881,883	262,907	16.7	16.4	20.1
1935	2,155,105	1,888,012	267,093	16.9	16.5	20.6
1934	2,167,636	1,898,501	269,135	17.2	16.7	20.9
1933	2,081,232	1,823,531	257,701	16.6	16.2	20.2
1932	2,074,042	1,822,425	251,617	17.4	17.0	21.3
1931	2,112,760	1,867,245	245,515	18.0	17.7	21.0
1930	2,205,958	1,953,163	250,795	18.9	18.6	21.6
1929	2,169,920	1,924,475	245,445	18.8	18.5	21.3
1928	2,233,149	1,982,246	250,903	19.7	19.4	22.1
1927	2,137,636	1,925,585	212,251	20.5	20.2	23.6
1926	1,856,068	1,707,034	149,034	20.5	20.2	25.0
1925	1,878,680	1,751,669	147,211	21.3	21.0	25.4
1924	1,930,614	1,762,872	167,742	22.2	21.9	26.3
1923	1,792,646	1,644,034	148,612	22.1	21.9	25.3
1922	1,774,911	1,629,387	145,524	22.3	22.1	25.3
1921	1,714,261	1,565,446	148,815	24.2	23.9	27.6
1920	1,908,674	1,595,523	115,351	23.7	23.5	27.0
1919	1,573,438	1,269,365	104,075	22.4	22.3	24.9
1918	1,363,649	1,289,711	74,938	24.7	24.0	24.3
1917	1,353,792	1,280,289	73,504	24.5	24.5	24.3
1916	1,181,995	799,817	19,168	24.9	25.0	20.4
1915	776,504	763,899	12,405	25.0	25.1	18.4

¹For 1947-49, based on population excluding armed forces overseas; for 1940-46, on population including armed forces overseas.

Crude birth rates by State

Table AC presents 1949 birth rates for each State and geographic division by place of residence. The State rates ranged from a high of 34.2 per 1,000 population present in the area for New Mexico to a low of 20.0 for Massachusetts. In 3 States the rate was 30.0 or higher, in 20 States it was between 25.0 and 29.9, and in 25 States and the District of Columbia the rate was below 25.0. The high rates in 1949, as in previous years, were found in the Southern and Mountain States. The 6 States with the lowest rates were located in the New England and Middle Atlantic Divisions.

The decreases between 1947 (the postwar peak year) and 1949 were fairly large in the New England and Middle Atlantic States. However, the rates for all States in 1949 were much higher than in the immediate prewar period. The greatest changes from the prewar figures were generally experienced by the States that had the lowest rates in 1940.

It will be noted that for 1940 State rates were based on the civilian population and for 1947 through 1949 on the total population present in the area (including the armed forces stationed there). Because of the small number of men in the armed forces in each of these years, this does not affect the comparability of the rates.

TABLE AC.—CRUDE BIRTH RATES: UNITED STATES, EACH DIVISION AND STATE, 1940 AND 1947-49, AND PERCENTAGE CHANGES

(By place of residence. Rates based on live births per 1,000 estimated midyear population)

AREA	1949 ¹	1948 ¹	1947 ¹	1940 ²	PERCENTAGE CHANGE	
					1947 to 1949	1940 to 1949
UNITED STATES	24.0	24.2	25.8	17.9	-7.0	+34.1
GEOGRAPHIC DIVISIONS						
New England	20.9	21.7	23.9	15.7	-12.6	+35.1
Middle Atlantic	20.8	21.4	25.1	15.3	-10.0	+35.9
East North Central	23.7	23.6	25.1	17.1	-5.6	+38.6
West North Central	24.1	24.4	24.8	17.5	-2.8	+37.7
South Atlantic	26.0	26.3	28.7	20.8	-9.4	+25.0
East South Central	27.6	27.9	29.7	21.8	-7.1	+26.6
West South Central	28.2	28.2	27.2	20.1	-3.7	+30.5
Mountain	28.5	29.0	31.1	21.9	-8.4	+30.1
Pacific	23.5	23.2	24.8	16.2	-5.2	+45.1
NEW ENGLAND						
Maine	24.3	25.1	27.0	18.0	-10.0	+35.0
New Hampshire	22.9	24.5	24.0	16.9	-9.1	+34.9
Vermont	25.3	26.2	26.5	19.4	-4.5	+30.4
Massachusetts	20.0	20.6	23.3	15.1	-14.2	+32.5
Rhode Island	20.8	21.5	24.9	15.3	-16.5	+35.9
Connecticut	20.4	21.3	23.1	14.9	-11.7	+36.9
MIDDLE ATLANTIC						
New York	20.4	21.0	22.8	14.6	-10.5	+39.7
New Jersey	20.4	21.0	23.0	14.4	-11.3	+41.7
Pennsylvania	21.6	22.2	23.6	16.7	-8.5	+29.3
EAST NORTH CENTRAL						
Ohio	23.7	23.4	25.7	16.6	-7.8	+42.8
Indiana	24.2	24.2	25.1	18.0	-3.6	+34.4
Illinois	21.9	21.8	23.3	15.8	-6.0	+38.6
Michigan	25.1	25.1	26.5	18.7	-5.3	+34.2
Wisconsin	24.9	25.0	25.9	17.5	-3.9	+42.3
WEST NORTH CENTRAL						
Minnesota	25.4	25.5	26.2	19.0	-3.1	+33.7
Iowa	24.3	24.4	24.6	17.8	-1.2	+36.5
Missouri	21.8	22.2	23.1	16.3	-5.6	+35.7
North Dakota	28.9	29.5	31.5	20.6	-8.3	+40.3
South Dakota	27.8	27.8	28.6	18.9	-2.8	+47.1
Nebraska	24.6	25.1	25.0	16.8	-1.6	+46.4
Kansas	23.5	23.8	23.1	16.2	+1.7	+45.1
SOUTH ATLANTIC						
Delaware	23.1	22.9	26.5	17.0	-12.8	+35.9
Maryland	22.9	23.3	26.5	17.7	-13.6	+29.4
District of Columbia	23.6	23.7	25.2	16.6	-6.3	+42.2
Virginia	25.2	25.2	28.6	21.3	-11.9	+18.3
West Virginia	27.1	27.4	29.3	22.2	-7.5	+22.1
North Carolina	27.4	28.5	30.5	22.5	-10.2	+21.6
South Carolina	29.2	29.3	30.5	23.6	-4.3	+23.7
Georgia	27.8	28.3	30.3	20.8	-8.3	+33.7
Florida	23.0	22.9	25.7	17.7	-10.5	+29.8
EAST SOUTH CENTRAL						
Kentucky	26.6	27.3	28.8	22.5	-7.6	+18.2
Tennessee	25.4	25.4	28.0	18.8	-9.3	+35.1
Alabama	28.1	28.6	31.1	22.2	-9.6	+26.6
Mississippi	32.0	31.8	31.7	24.3	+0.9	+31.7
WEST SOUTH CENTRAL						
Arkansas	24.9	26.5	25.8	19.8	-2.7	+25.8
Louisiana	28.7	28.2	29.3	21.5	-2.0	+33.5
Oklahoma	23.4	23.8	23.5	19.5	-0.4	+20.0
Texas	26.4	26.1	28.0	19.9	-5.7	+32.7
MOUNTAIN						
Montana	27.3	28.1	30.9	20.8	-11.7	+31.3
Idaho	27.9	29.2	31.0	22.5	-10.0	+24.0
Wyoming	27.1	27.6	27.6	21.1	-1.8	+28.4
Colorado	26.3	27.5	28.7	18.6	-8.4	+41.4
New Mexico	34.2	34.7	37.2	27.7	-8.1	+23.5
Arizona	27.9	27.0	29.7	22.8	-6.1	+23.5
Utah	31.3	31.2	33.9	24.2	-7.7	+29.3
Nevada	25.1	23.2	29.1	18.8	-20.6	+22.9
PACIFIC						
Washington	23.8	24.0	24.8	16.3	-4.0	+46.0
Oregon	23.7	23.8	25.5	16.0	+0.9	+49.1
California	23.4	23.0	25.1	16.2	-6.8	+44.4

¹Rates for the United States and each State based on total population present in area.²Rates for the United States based on population including armed forces overseas; rates for the States based on civilian population in area. United States rate for 1940 on civilian population base was 17.9.

Rates for the 1940 decade appearing in tables I and VIII of this volume are based on a consistent series of intercensal population estimates recently prepared by the Bureau of the Census utilizing the results of both the 1940 and 1950 decennial censuses. Because of the revision of population estimates, the rates for some States differ markedly from those appearing in earlier publications.

In comparing birth rates by State, the effect of differential completeness of birth registration should be considered. Detailed State data on completeness in 1940 are shown in table D. These figures indicate that, in general, birth registration was less complete in the Southern and several of the Mountain States than in the rest of the country.²⁴ If differences in completeness of registration were taken into account, the variation in the true birth rates would be greater than in the recorded rates. Variations in age, race, residence (urban or rural), and marital compositions of the populations contribute to the differences in the State crude birth rates.

Births to urban and rural residents

The high points in the crude birth rates for urban and rural residents during the postwar period, were reached in 1947. The decreases that followed were small and in 1949 the rates for both groups were far above the corresponding rates in 1940. The change between these 2 years was much greater for the urban population (42 percent) than for the rural group (26 percent).

Birth registration is estimated to be more complete among urban residents than among rural.²⁵ The effect of correction for this factor is shown in table AD. The crude rate based on

TABLE AD.—BIRTH RATES PER 1,000 POPULATION AND PER 1,000 WOMEN AGED 15-44 YEARS, FOR URBAN AND RURAL AREAS: UNITED STATES, 1940, 1947, AND 1949

AREA	1949	1947	1940	PERCENTAGE CHANGE	
				1947 to 1949	1940 to 1949
RATES ¹ PER 1,000 POPULATION					
Uncorrected for underregistration:					
Urban	24.2	26.4	17.1	-8.3	+41.5
Rural	24.1	25.5	19.1	-5.5	+26.2
Corrected for underregistration:					
Urban	24.6	26.9	17.6	-6.6	+38.2
Rural	26.1	27.8	21.6	-6.1	+20.8
RATES ² PER 1,000 WOMEN AGED 15-44 YEARS					
Corrected for underregistration:					
Urban	102.4	108.1	67.8	-5.3	+51.0
Rural	122.8	127.5	98.7	-3.7	+24.4

¹For 1947 and 1949, based on April 1 estimated civilian population including members of the armed forces living off post or with their families on post; for 1940, on April 1 enumerated population.²For 1947 and 1949 based on April 1 estimated female population; for 1940, on April 1 enumerated female population.

²⁴A Nation-wide test of birth registration completeness in 1950 is in progress. State estimates for 1940-44 appear in Vital Statistics—Special Reports, vol. 23, No. 10, issued by the National Office of Vital Statistics.

²⁵Bureau of the Census, "Completeness of Birth Registration in Urban and Rural Areas: United States and Each State, December 1, 1939, to March 31, 1940," Vital Statistics—Special Reports, vol. 23, No. 6, 1945.

registered births in 1949 was about the same for urban and rural areas. However, when estimates for unregistered births are included, the rate for rural residents becomes 6 percent higher than that for urban.

Birth rates per 1,000 women in urban and rural areas in the reproductive age span 15-44 years are also shown in table AD. These rates are better indices of comparative fertility than the crude birth rates since they take into account the difference in sex distribution of the populations in urban and rural areas, and to an important extent the difference in the age distribution of the women. Comparison of these rates shows that the fertility rate (based on total births including unregistered) was 20 percent higher for rural than for urban women in 1949.

Birth rates by month

The marked increase in births during the postwar period began in June 1946. Table AE shows that there was little change in the monthly birth rates (on an annual basis) during the early months of 1946. Beginning in June, however, the rate increased sharply, climbing from 19.4 in May to 28.6 in November 1946, the highest monthly birth rate on record. There was an irregular downward movement during the next year and a half, but the rate remained well above the war and immediate prewar level. After June 1948, another sharp increase occurred. However, this covered only a few months and was not nearly as intense as in 1946. The rates for most months in 1949 lagged slightly behind the corresponding rates in the previous year.

TABLE AE.—BIRTH RATES BY MONTH: UNITED STATES, 1941-49

(Rates on an annual basis and based on live births per 1,000 estimated midyear population)

MONTH	1949	1948	1947	1946	1945	1944	1943	1942	1941
TOYAL--	24.0	24.2	25.8	23.3	19.5	20.2	21.5	20.8	18.8
January-----	23.7	23.9	28.0	18.5	19.9	20.1	22.6	19.6	18.1
February-----	24.0	24.7	27.5	19.0	20.0	20.3	22.6	20.1	18.7
March-----	23.9	24.3	26.8	19.0	19.4	19.4	23.0	19.8	18.7
April-----	22.2	23.2	24.8	19.0	18.7	18.8	21.0	18.9	18.3
May-----	22.3	22.0	24.9	19.4	18.7	18.9	20.4	18.7	17.5
June-----	23.4	22.4	25.6	20.8	19.5	20.3	21.3	19.6	19.3
July-----	25.2	24.9	26.1	23.8	20.3	21.7	22.3	20.9	20.7
August-----	25.6	25.9	26.3	26.0	20.5	21.6	22.5	21.6	20.3
September-----	25.6	26.1	26.3	28.0	20.6	20.9	22.4	23.2	19.6
October-----	24.7	24.9	25.3	28.3	19.4	20.1	21.0	23.2	18.3
November-----	23.8	24.3	24.5	28.6	19.0	20.2	20.0	22.3	18.2
December-----	23.2	23.9	23.7	28.2	18.7	20.0	19.7	21.9	18.5

NOTE.—Rates for 1947-49, based on population excluding armed forces overseas; for 1941-46, on population including armed forces overseas.

For years prior to the war, the crude birth rate followed closely the seasonal pattern which is summarized by the seasonal index in table AF. This index, based on monthly rates for the years 1933 to 1940, indicates that in the "normal" seasonal cycle the rate reaches a minor peak in February or March, and then decreases to a low point in May. The rate increases again to a major peak in August or September, after which it usually declines rapidly and reaches the lowest point in December.

Except for 1946, the monthly rates in each of the years from 1941 to 1949 also had a bimodal distribution. Although, in most recent years, wartime factors distorted the "normal" pattern, adjustment for seasonality generally reduces the monthly variation and thereby clarifies some of the changes. When the seasonality factor is removed, the decline in the rate during 1947 and early 1948 from the postwar high becomes somewhat more regular and the increase during the last half

of 1948 more gradual than indicated by the unadjusted rates.

Births by month were not tabulated for the white and non-white races separately before 1942. Accordingly, it is not possible to compare the "normal" seasonal patterns of the two race groups. Monthly rates by race are shown in table AG for the period 1942 through 1949. From these rates, it is seen that both the war and the first postwar peaks in the birth rate occurred somewhat earlier for the white race than for the nonwhite. For the white group, these points were reached in October 1942 and November 1946; for the nonwhite, in August 1943 and January 1947.

TABLE AF.—INDEX OF SEASONAL VARIATION IN CRUDE BIRTH RATE: UNITED STATES, 1933-40

(Computed by median-link relative method)

MONTH	Seasonal index	MONTH	Seasonal index
January-----	99.9	July-----	103.8
February-----	102.2	August-----	105.4
March-----	101.4	September-----	104.8
April-----	97.9	October-----	98.9
May-----	96.7	November-----	95.7
June-----	98.7	December-----	94.6

TABLE AG.—BIRTH RATES BY RACE AND MONTH: UNITED STATES, 1942-49

(Rates on an annual basis and based on live births per 1,000 estimated midyear population in each specified group)

RACE AND MONTH	1949	1948	1947	1946	1945	1944	1943	1942
WHITE	23.2	23.6	25.5	23.0	19.2	19.8	21.2	20.6
January-----	22.8	23.2	27.6	18.0	19.4	19.7	22.3	19.1
February-----	23.1	23.9	27.2	18.5	19.5	19.9	22.3	19.6
March-----	23.0	23.7	26.5	18.6	19.0	19.1	21.6	19.4
April-----	21.6	22.6	24.7	18.7	18.3	18.4	20.7	18.5
May-----	21.7	21.5	24.8	19.3	18.4	18.7	20.2	18.4
June-----	22.7	21.8	25.5	20.7	19.2	20.0	21.1	19.4
July-----	24.3	24.2	25.9	23.7	19.9	21.2	22.0	20.6
August-----	24.7	25.2	25.9	25.9	20.1	21.1	22.1	21.5
September-----	24.8	25.4	25.9	28.0	20.2	20.6	22.1	23.0
October-----	24.0	24.3	25.0	28.3	19.2	19.9	20.8	23.2
November-----	23.1	23.7	24.1	28.5	18.6	19.9	19.8	22.3
December-----	22.4	23.2	23.2	28.0	16.3	19.5	19.4	21.8
NONWHITE	30.3	29.5	28.2	25.3	23.3	23.7	24.1	23.2
January-----	31.0	29.9	30.7	23.4	24.9	24.3	25.3	24.1
February-----	31.1	30.9	29.7	23.7	25.0	24.3	25.5	24.7
March-----	30.0	29.5	28.5	22.8	23.6	23.2	25.2	23.4
April-----	26.8	27.7	25.8	21.2	22.5	22.0	23.5	22.4
May-----	27.3	26.3	25.8	21.1	21.8	21.6	22.4	21.0
June-----	29.2	28.7	27.0	22.7	22.6	23.5	23.6	21.9
July-----	32.6	30.9	28.5	25.0	23.9	25.7	25.3	23.4
August-----	32.7	31.6	29.4	27.1	24.1	25.6	25.9	24.5
September-----	32.4	32.1	29.6	28.4	24.2	24.0	25.2	25.1
October-----	30.3	29.3	27.8	28.3	22.3	22.9	22.9	23.3
November-----	29.9	29.2	27.8	29.9	22.6	23.5	22.4	22.4
December-----	30.0	29.8	28.0	30.4	22.7	24.3	22.4	22.5

NOTE.—Rates for 1947-49, based on population excluding armed forces overseas; for 1942-46, on population including armed forces overseas.

After the initial postwar rise, the rates for the white population declined irregularly during the next 18 months. Although the monthly rates in 1949 were below the 1948 figures, there was no evidence of any marked downward movement. For the nonwhite population, the rates appeared to move generally in an upward direction after declining during the early months of 1947, and the early postwar peak in January 1947 was exceeded several times in both 1948 and 1949.

Age-specific birth rates

Fertility among women of all ages, including the very young (under 20) as well as those in their late thirties, was at a much higher level in 1949 than in 1940 (table AH). The greatest relative increase (67 percent) between these 2 years occurred in the rate for 15-19 year-olds. The rate in 1949 for women 20-24 years of age was over 50 percent higher

than in 1940. With each succeeding age group the rise became somewhat smaller but even among women 40-44 years old the 1949 rate was 6 percent higher.

The fertility rates for women given in this section are based on total female population for each age group without regard to marital status. Variations in these rates are caused by changes in both marital fertility and the proportion of women who are married. The importance of the latter factor in the increase in fertility since 1940, especially at the younger ages, can be appreciated from the fact that by early 1949 the percentage of females 15-19 years old who were married is estimated to have risen about 50 percent above the 1940 figure.²⁵ The increase in the proportion married in each succeeding age group was less, with women 35-44 years showing a change of only 3 percent.

TABLE AH.—BIRTH RATES BY AGE OF MOTHER: UNITED STATES, 1940 AND 1945-49

(Rates based on live births per 1,000 estimated female population in each specified group)

AGE OF MOTHER	1949	1948	1947	1946	1945	1944	1943	1940
15-44 YEARS ¹ ----	105.2	104.8	110.1	98.3	82.2	84.5	89.3	73.5
10-14 years-----	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.6
15-19 years-----	81.5	79.7	76.7	56.9	48.8	51.4	57.6	48.9
20-24 years-----	194.6	192.8	200.1	171.7	130.1	141.7	152.8	125.0
25-29 years-----	162.9	160.3	172.3	157.3	128.4	132.0	142.1	114.1
30-34 years-----	99.5	100.3	107.5	105.6	94.7	92.3	93.4	77.1
35-39 years-----	52.6	53.3	57.3	56.7	54.6	52.1	49.8	41.8
40-44 years-----	14.8	15.1	15.9	15.6	15.5	15.0	14.5	13.9
45-49 years-----	1.1	1.1	1.2	1.2	1.3	1.1	1.2	1.5
50-54 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹Rates for age group 15-44 years computed by relating total births, regardless of age of mother, to female population aged 15-44 years. Figures for age "Not stated" included in total but not distributed among the specified age groups.

During the war and immediate postwar period (i.e., 1940-47) fertility among women under 30 years of age fluctuated considerably. In the first few years of the war, the birth rates in these age groups showed a marked upswing. The decline in the rates which came in 1944 and 1945 reflected the prolonged absence of millions of men on overseas duty, while the sharp increases occurring in 1946 and 1947 followed the rapid demobilization of the armed forces at the end of 1945 and early 1946. In distinction to the sudden shifts in the direction of the fertility rates for women under 30, the rates at the older ages increased steadily for the most part during the entire period from 1940 through 1947.

Between 1947 and 1949 the fertility rate for women 20-24 years of age, which had risen so sharply in the earlier postwar years, showed only a slight loss (2.8 percent), and in 1949 the rate was 194.6. The rate for women in the second highest fertility age group, the 25-29 year-olds, also decreased after 1947 (5.5 percent) but among the very young, the 15-19 year-olds, the rate continued to increase through 1949.

Variations in the birth rates by age of father (table AJ) were somewhat similar to the changes in the rates by age of mother. Although the 5-year age groupings are too broad for a close comparison between male and female fertility rates, they indicate, as would be expected, that comparable variations occurred at older ages for men than for women.

In 1949 the fertility rate for men 25-29 (180.2) far exceeded the rate for any other age group. The next highest rate (138.0), recorded for men 30-34 years, was almost equaled by the rate for the 20-24 year-olds. In 1940, how-

²⁵See "Marital Status and Household Characteristics: April 1949," Bureau of the Census, Current Population Reports, Series P-20, No. 26, 1950.

ever, the rates for these two age groups were quite far apart with the older men having a higher rate. The rates were brought closer together by an increase in fertility among the younger men (66 percent) that was twice as great as for the older group. In fact, throughout the entire age range the percentage change over the 1940 decade decreased with each successive age group.

The differential effect of the war on the various age groups of men was evident in the course of the male fertility rates particularly after 1942. Thus, the rates for the 20-24 and 25-29 year old men, the groups most subject to military service in the early stages of the war, declined in 1944 and 1945. In the last year of the war, the rates for these groups were below the corresponding 1940 rates. For the two age groups 15-19 and 30-34, the rates decreased between 1943 and 1944, but rose again the next year. Finally, the rates for men over 35 years of age increased almost continuously during the whole war period.

TABLE AJ.—BIRTH RATES BY AGE OF FATHER: UNITED STATES, 1940 AND 1945-49

(Rates based on live births per 1,000 estimated male population in each specified group)

AGE OF FATHER	1949	1948	1947	1946	1945	1944	1943	1940
15-54 years ² ----	86.6	86.3	91.1	80.2	67.1	68.6	72.4	59.6
10-14 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19 years-----	12.5	11.9	11.8	10.6	10.3	9.8	10.4	6.2
20-24 years-----	131.8	131.1	135.0	100.4	78.0	84.4	95.5	79.2
25-29 years-----	180.2	179.0	192.9	168.4	128.9	135.6	151.0	124.2
30-34 years-----	138.0	138.8	148.0	137.3	118.8	118.0	124.7	102.5
35-39 years-----	88.4	87.1	93.7	92.5	85.6	82.4	86.3	67.2
40-44 years-----	44.1	45.1	47.1	46.7	46.8	45.8	46.2	36.8
45-49 years-----	18.8	19.2	20.4	20.9	21.0	19.5	19.1	17.5
50-54 years-----	6.8	7.1	7.6	7.9	8.0	7.9	7.6	7.2
55 years and over--	1.4	1.4	1.5	1.4	1.7	1.7	1.7	1.6

²Rates for age group 15-54 years computed by relating total births, regardless of age of father, to male population 15-54 years. Figures for age "Not stated" included in total but not distributed among the specified age groups.

NOTE.—Rates for 1947-49, based on male population excluding armed forces overseas; for 1940 and 1945-46, on male population including armed forces overseas. Rates based on male population comparable with 1940 and 1945-46 are: for 1947, 99.6; for 1948, 85.4; for 1949, 85.5.

Major increases occurred in the rates for men between 20 and 34 years of age in the first two postwar years. For the 20-24 year-olds, the rise between 1945 and 1947 amounted to 77 percent. The rates for all groups in the interval 20 to 44 years reached their peaks for the war and postwar period in 1947 and then declined the following year. In 1949, the rates for men over 30 dropped slightly again but at the younger ages increases were recorded.

In regard to the birth rates by 5-year age group of father; each year about 3 percent of the birth records do not give the age of the fathers. These unknown ages, many of which relate to illegitimate births, are not distributed in the computation of the age-specific rates.

Detailed statistics by age of mother and by age of father tabulated by State of residence are given in "Vital Statistics of the United States, Part II."

Birth rates by age of mother and race

Age-specific birth rates for mothers by race are presented in table AK for 1940 and 1943 through 1949. The courses followed by these birth rates during the war and early postwar period were about the same for both white and nonwhite women. Between 1947 and 1949, however, the rates for nonwhite women of all ages under 45 years continued to increase while among white women the only rise, and this a small one, was in the rate for 15-19 year-olds.

In both the white and nonwhite groups the sharpest increases indicated by the fertility rates in 1949 as compared with 1940 occurred at the younger ages. For white women the percentage gain was greatest for the 15-19 year-olds (70 percent) and decreased at each succeeding age level. For the nonwhite group the maximum increase since 1940 (close to 70 percent) occurred among women 20-29 years of age.

The rates in 1949 at the younger ages were, as in previous years, much higher for nonwhite than for white women. However, the relative fertility of white and nonwhite women at certain ages in 1949 differed somewhat from the experience recorded in previous years.²⁷ In each of the years 1940 through 1947 the rates for white women 25-29 years old were considerably higher than the rates for nonwhite women at these same ages, but by 1949 the difference was much smaller. In addition, the rate for nonwhite women 20-24 years of age exceeded the corresponding rate for white women by a larger margin in 1949 than in earlier years.

TABLE AL.—BIRTH RATES BY RACE AND AGE OF MOTHER: UNITED STATES, 1940 AND 1943-49
(Rates based on live births per 1,000 estimated female population in each specified group)

RACE AND AGE OF MOTHER	1949	1948	1947	1946	1945	1944	1943	1940
WHITE								
15-44 years ¹ -----	102.6	102.8	109.6	97.9	81.0	83.4	89.7	72.3
10-14 years-----	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2
15-19 years-----	71.6	70.4	68.6	49.5	41.1	43.9	50.0	42.2
20-24 years-----	190.5	189.5	199.9	171.5	127.7	139.9	152.2	123.5
25-29 years-----	163.6	151.8	176.6	161.3	130.6	134.7	146.6	116.6
30-34 years-----	100.2	101.7	110.2	106.4	96.7	94.0	95.6	78.2
35-39 years-----	51.7	52.5	57.0	56.6	54.3	51.9	49.8	41.7
40-44 years-----	14.3	14.8	15.7	15.4	15.4	14.9	14.3	13.7
45-49 years-----	1.0	1.0	1.1	1.1	1.2	1.1	1.1	1.2
50-54 years-----	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NONWHITE								
15-44 years ¹ -----	126.4	121.5	114.2	101.3	92.4	93.1	95.8	63.1
10-14 years-----	4.4	4.3	4.1	3.4	3.5	3.5	3.5	3.1
15-19 years-----	149.8	144.8	134.2	110.7	105.1	106.9	115.2	100.9
20-24 years-----	226.2	218.2	201.6	173.9	148.7	155.4	157.4	136.8
25-29 years-----	157.4	148.3	137.9	126.2	110.8	110.4	106.8	94.4
30-34 years-----	94.1	89.4	85.8	81.1	78.2	78.0	75.5	66.9
35-39 years-----	60.3	59.2	58.7	58.1	57.8	53.9	50.8	42.0
40-44 years-----	19.3	17.9	17.8	17.2	16.9	16.0	15.9	16.0
45-49 years-----	1.7	1.9	2.0	2.2	2.2	1.9	2.0	2.2
50-54 years-----	0.1	0.1	0.0	0.1	0.1	0.1	0.2	0.2

¹Rates for age group 15-44 years computed by relating total births, regardless of age of mother, to female population aged 15-44 years. Figures for age "not stated" included in total but not distributed among the specified age groups.

Age of mother, race, and birth order²⁸

Further increases in births of second, third, and fourth children occurred in 1949. At the same time births of first children declined for the second consecutive year. In 1949, about 1.2 million families had a first child; over a million had a second child; and more than a half million a third, while births of a higher order occurred in about 700,000 families.

In the 4 years following the end of World War II (1946-49),

²⁷If underregistration were taken into account, the effect on the rates would be greater for nonwhite than for white women. For corrected rates by age of mother for native white and nonwhite women, see P. K. Whelpton, *op. cit.*, footnote 22.

²⁸In computing birth order rates, births of "not stated order" (occurring in States other than Massachusetts) have been prorated under the assumption that their distribution by age and race is the same as for the "known order" births. For this reason the birth order rates based on registered births which are shown in this report for 1940-48 will be somewhat higher than previously published figures.

the rates indicating births of first, second, and third children greatly exceeded the comparable 1940 rates (table AL). For these postwar years the numbers of births of second and third children per 1,000 women 15-44 years of age were on the average over 50 percent above the same rates for 1940 (table AM). The corresponding increase in the rate of first births was only slightly smaller (44 percent). Substantial gains were also recorded in fourth order rates (32 percent). The increases during the postwar period in rates relating to the addition of a third or fourth child are especially noteworthy in view of the long period of continuous decline in the rate of formation of medium-sized families prior to 1940.

The base populations used in computing the birth order rates shown in this report include segments of the female population in which the probability of having a child in a specified birth order is zero. For example, in computing rates by first order of birth in a given year, the population base includes all women in the specified age group, regardless of whether they were married or had children at the beginning of the year. Thus, at least part of the change in the birth order rates shown in table AL for selected years in the period

TABLE AL.—BIRTH RATES BY RACE AND BIRTH ORDER: UNITED STATES, 1940 AND 1943-49

(Rates based on live births per 1,000 estimated female population 15-44 years of age in each specified group. Birth order refers to number of children born alive to mother. Births occurring in Massachusetts, which does not require the reporting of birth order, are omitted in computing rates by birth order, and population figures for Massachusetts are excluded from the bases used for all such rates. Figures for Massachusetts are included in computing total birth rates by race)

RACE AND BIRTH ORDER ¹	1949	1948	1947	1946	1945	1944	1943	1940
ALL RACES	105.2	104.8	110.1	96.3	82.2	84.5	89.3	73.5
First-----	36.0	39.2	46.0	37.6	28.0	29.2	33.2	27.5
Second-----	31.8	30.5	29.6	27.2	22.2	22.8	24.4	18.6
Third-----	17.0	15.8	15.1	14.1	12.9	13.2	12.8	10.2
Fourth-----	8.4	7.7	7.6	7.5	7.1	7.2	6.9	5.9
Fifth-----	4.5	4.3	4.3	4.3	4.2	4.2	4.1	3.7
Sixth and seventh-----	4.5	4.4	4.4	4.4	4.4	4.5	4.4	4.3
Eighth and over-----	3.5	3.4	3.4	3.5	3.6	3.6	3.8	3.8
WHITE	102.6	102.8	109.6	97.9	81.0	83.4	89.7	72.3
First-----	36.3	39.7	47.3	38.8	28.4	29.7	34.1	27.9
Second-----	32.2	30.8	30.3	27.9	22.7	23.4	25.0	18.9
Third-----	16.6	15.4	15.0	14.0	12.9	13.2	12.8	9.9
Fourth-----	7.8	7.3	7.2	7.2	6.8	6.8	6.5	5.6
Fifth-----	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.4
Sixth and seventh-----	3.7	3.6	3.7	3.8	3.8	3.9	3.8	3.8
Eighth and over-----	2.6	2.4	2.5	2.7	2.8	2.9	2.8	3.1
NONWHITE	126.4	121.5	114.2	101.3	92.4	93.1	95.8	63.1
First-----	33.6	35.3	35.8	28.1	24.9	25.2	26.8	23.9
Second-----	29.1	27.6	24.1	21.1	17.8	18.3	19.1	16.2
Third-----	19.8	17.9	15.6	14.3	12.8	13.4	13.1	11.5
Fourth-----	13.0	11.8	10.8	10.4	9.8	9.9	9.6	8.4
Fifth-----	9.0	8.3	7.8	7.7	7.4	7.3	7.0	6.3
Sixth and seventh-----	11.2	10.5	10.1	9.9	9.6	9.5	9.0	8.2
Eighth and over-----	10.7	10.1	10.0	9.9	9.9	9.5	9.2	8.6

¹In computing rates by birth order, births of order "not stated" in States other than Massachusetts have been distributed.

TABLE AM.—BIRTH ORDER RATES AND PERCENTAGE CHANGE: UNITED STATES, 1940 AND AVERAGE FOR 1946-49

(Rates based on live births per 1,000 estimated female population 15-44 years of age. See headnote to table AL for computation of birth order rates)

BIRTH ORDER	Average ¹ 1946-49	1940	Percentage change
ALL BIRTHS	104.6	73.5	+42.3
First-----	39.7	27.5	+44.1
Second-----	29.8	18.6	+60.2
Third-----	15.5	10.2	+52.0
Fourth-----	7.9	5.9	+32.2
Fifth-----	4.4	3.7	+18.9
Sixth and seventh-----	4.4	4.3	+2.3
Eighth and over-----	3.5	3.8	-7.9

¹Arithmetic average of rates for the 4-year period.

of 1940-49 is attributable to the increase or decrease in the proportion of married women of the related parity.²⁹ Changes in the rate of first births, which closely followed the extreme fluctuations in the proportion of newly-married couples (with a lag of 1 year), are clearly illustrative of this. In the early postwar years, and after a sharp rise in marriages, the first birth rate increased rapidly. The substantial decline which occurred in this rate in 1948 and the more moderate drop in 1949 can be related to the decreases in the marriage rate in 1947 (15.2 percent) and 1948 (10.8 percent).

The rate for the birth of a second child rose greatly in 1946, indicating the addition of a second child to many of the numerous families started during the war period. Further increases took place in the following 3 years, but these were considerably less than in 1946. The gains in 1948 and 1949, to what was already a high rate, were probably closely related to the great rise in first births in 1946 and 1947.

The rate for third births increased steadily after 1945, while for fourth births the only sizable rise occurred in 1949. The increased third and fourth order birth rates of 1949 undoubtedly resulted mainly from the addition of children to families started before the end of the war. The impact of the high first births in 1946 and later years, of course, cannot be fully felt at the third and higher orders until sometime after 1949.

Among white women the rates for the first four orders were substantially higher in 1949 than in 1940. For fifth order births the rate in 1949 was somewhat above the 1940 figure but reductions were recorded at all higher orders. In contrast, the war and postwar increases in fertility among nonwhite women extended into the high birth orders (sixth and over). However, as in the case for white women the greatest relative gains between 1940 and 1949 occurred in the second and third birth orders.

In 1949, as in previous years, the rates for nonwhite women for fourth and higher birth orders were considerably above those for white women. In addition, the rate for the birth of a third child was higher in most years for nonwhite than for white women. At the lower orders the rates for white women in 1949 and in all previous years of the 1940 decade exceeded those recorded for the nonwhite group.

The earlier age at which nonwhite women bear children can be seen from the distribution of the birth order rates in 1949 by age for these groups in table AN.³⁰ Median ages of white and nonwhite mothers having their first, second, etc., child in 1940 and 1949, presented in table AO, illustrate the disparity in ages of white and nonwhite mothers at childbirth. Nonwhite mothers were younger than white mothers on the average by more than 3 years in all but the "eighth and over" birth order group. In 1949 the greatest difference was among women having their third child (4.0 years). For the first four birth orders (except for first children to white mothers), the average (median) ages of white and nonwhite mothers were slightly higher in 1949 than in 1940.

Trend in corrected birth order rates for the United States

Birth order rates for native white women in the United States for 1920 through 1949 and for nonwhite for 1930 through 1949 are shown in table AP.³¹ For years prior to 1933 these

²⁹Parity refers to the number of previous children borne by a woman.

³⁰For birth order rates by age of mother and race for 1940-48, see "Births by Age of Mother, Birth Order, and Race, 1949" National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 36, No. 9, 1951.

³¹For method used in computing these data, see P. K. Whelpton, *op. cit.*, footnote 22.

TABLE AN.—BIRTH RATES BY AGE OF MOTHER, RACE, AND BIRTH ORDER: UNITED STATES, 1949

(Rates based on live births per 1,000 estimated female population in each specified group. See headnote to table AI for computation of birth order rates)

RACE AND BIRTH ORDER ¹	AGE OF MOTHER							
	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years
WHITE-----	0.4	71.6	190.5	183.6	100.2	51.7	14.3	1.0
First-----	0.3	56.3	89.7	42.6	16.3	6.4	1.3	0.1
Second-----	0.0	15.0	68.7	59.4	28.6	10.3	1.8	0.1
Third-----	0.0	2.1	24.1	33.2	22.9	10.2	2.0	0.1
Fourth-----	0.0	0.3	7.1	15.1	13.2	7.4	1.7	0.1
Fifth-----	0	0.0	2.0	7.0	7.3	4.8	1.4	0.1
Sixth-----	0	0.0	0.5	3.5	4.5	3.4	1.1	0.1
Seventh-----	0	0.0	0.2	1.6	2.9	2.6	1.0	0.1
Eighth-----	0	0.0	0.0	0.6	1.8	2.0	0.9	0.1
Ninth-----	0	0.0	0.0	0.2	1.0	1.6	0.8	0.1
Tenth-----	0	0	0.0	0.1	0.5	1.1	0.7	0.1
Eleventh-----	0	0	0.0	0.0	0.2	0.7	0.5	0.1
Twelfth-----	0	0	0.0	0.0	0.1	0.4	0.4	0.1
Thirteenth and over-----	0	0	0.0	0.0	0.1	0.5	0.6	0.1
NONWHITE-----	4.4	149.8	226.2	157.4	94.1	60.3	19.3	1.7
First-----	4.0	89.2	57.7	21.7	9.9	3.7	0.9	0.0
Second-----	0.4	44.7	69.3	29.5	11.4	4.7	0.9	0.0
Third-----	0.0	12.9	50.6	28.3	12.1	5.2	1.0	0.1
Fourth-----	0.0	2.5	28.0	24.5	11.3	5.2	1.1	0.1
Fifth-----	0	0.5	12.8	20.3	10.7	5.4	1.2	0.1
Sixth-----	0	0.1	4.9	15.0	10.2	5.6	1.3	0.1
Seventh-----	0	0.0	1.7	9.1	9.4	5.7	1.5	0.1
Eighth-----	0	0.0	0.5	4.6	7.6	5.7	1.5	0.1
Ninth-----	0	0.0	0.2	2.2	5.4	5.5	1.7	0.1
Tenth-----	0	0	0.1	1.0	3.4	4.6	1.7	0.1
Eleventh-----	0	0	0.0	0.4	1.6	3.6	1.8	0.1
Twelfth-----	0	0	0.0	0.2	0.8	2.2	1.4	0.2
Thirteenth and over-----	0	0	0.0	0.1	0.8	3.1	3.2	0.5

¹In computing rates by birth order, births of order "Not stated" in States other than Massachusetts have been distributed.

TABLE AO.—MEDIAN AGE OF MOTHER BY BIRTH ORDER AND RACE: UNITED STATES, 1940 AND 1949

(Based on live births. Birth order refers to number of children born alive to mother. Figures for Massachusetts are included in computing average ages by race, but excluded in computing averages for birth order because this State does not require the reporting of birth order)

BIRTH ORDER	1949		1940	
	White	Nonwhite	White	Nonwhite
TOTAL-----	26.1	24.2	26.5	24.0
First-----	23.0	20.0	23.3	19.3
Second-----	25.8	22.5	25.7	21.9
Third-----	28.1	24.1	27.6	23.7
Fourth-----	29.8	26.0	29.2	25.7
Fifth-----	31.3	27.8	31.0	27.9
Sixth and seventh-----	33.1	30.0	33.3	30.3
Eighth and over-----	37.0	35.3	37.4	35.7

NOTE.—Medians were computed from distributions of births by 5-year age groups of mothers. Births of order "Not stated" in States other than Massachusetts have been distributed.

data have been adjusted for those States which were missing from the birth-registration area. In addition, for all years the rates are based on total births, which include estimates for unregistered births. Because of the improvement in registration completeness over the period and the limited number of States in the registration area in the earlier years, it is particularly important to use the adjusted statistics in judging the level of the rates in recent years with respect to the level in these earlier years. By limiting the series of rates for white women to the "native white," it is possible to study changes in fertility, without the disturbing effect of the many foreign-born women with varying fertility patterns who came to this country in the early 1900's.

Rates in the table indicate that for native white women sharp declines occurred in all orders during the 1920's and early 1930's. For each successive order from the first

through the high orders the decline extended over a longer period, e.g., the rate for first births started to increase in 1933, but the second order rate did not show any definite recovery until shortly before World War II.

After a period of extreme changes, the first order rate for native white women in 1949 was at a level slightly above the corresponding rate for 1920. The rate for the birth of a second child in each year since the end of World War II has greatly exceeded the highest rate for the 1920's. In 1949 even the rate for third order births surpassed any recorded in 1920 or later. However, despite some increase during the 1940's the fourth order rate in 1949 was somewhat lower than in the 1920 decade. For the higher birth orders no recovery of any consequence has occurred and in 1949 these rates were still substantially below the 1920 level.

Birth order rates on an adjusted basis are available for

TABLE AP.—ESTIMATED BIRTH RATES BY BIRTH ORDER FOR NATIVE WHITE WOMEN—1920-49, AND FOR NONWHITE WOMEN—1930-49: UNITED STATES

(Birth order refers to number of children born alive to mother. All rates adjusted for States missing from the birth-registration area and for underregistration. Rates based on live births per 1,000 estimated female population 15-44 years of age)

YEAR	BIRTH ORDER							
	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth and over
NATIVE WHITES								
1949	58	33	17	8	4	2	1	3
1948	41	32	16	8	4	2	1	3
1947	49	32	16	8	4	2	1	3
1946	41	29	15	7	4	2	1	3
1945	30	24	14	7	4	2	2	3
1944	32	25	14	7	4	2	2	3
1943	37	27	14	7	4	2	2	3
1942	40	24	12	6	4	2	1	3
1941	34	21	11	6	4	2	2	3
1940	30	20	11	6	4	2	2	3
1939	30	19	10	6	4	2	2	3
1938	31	19	10	6	4	3	2	4
1937	29	18	10	6	4	3	2	4
1936	28	18	10	6	4	3	2	4
1935	28	17	10	7	4	3	2	4
1934	26	18	11	7	5	3	2	4
1933	24	17	11	7	5	3	2	4
1932	26	18	11	7	5	4	2	5
1931	27	19	12	8	5	4	3	5
1930	29	20	12	8	6	4	3	5
1929	28	20	13	8	6	4	3	5
1928	29	20	13	9	6	4	3	6
1927	30	21	14	9	6	5	3	6
1926	30	22	14	10	6	5	3	6
1925	31	22	15	10	7	5	3	7
1924	32	23	16	10	7	5	4	7
1923	31	24	15	10	7	5	4	7
1922	32	24	15	10	7	5	4	7
1921	36	25	16	11	8	6	4	8
1920	38	28	16	11	7	5	4	7
NONWHITE								
1949	39	34	25	15	10	8	5	15
1948	41	32	21	14	10	7	5	12
1947	42	28	18	13	9	7	5	12
1946	33	25	17	12	9	7	5	12
1945	30	21	15	12	9	7	5	12
1944	30	22	16	12	9	7	5	11
1943	33	23	16	12	8	6	5	11
1942	32	22	15	11	8	6	4	11
1941	31	21	15	11	8	6	4	11
1940	29	20	14	10	8	6	4	11
1939	30	19	13	10	7	6	4	10
1938	30	19	13	10	7	6	4	11
1937	30	19	13	10	7	6	4	11
1936	28	18	13	10	7	6	4	11
1935	29	18	13	10	7	6	4	11
1934	29	18	13	10	8	6	5	12
1933	27	18	13	10	8	6	5	11
1932	30	19	13	10	8	6	5	12
1931	29	18	13	10	8	6	5	12
1930	31	19	14	10	8	6	5	12

the nonwhite group only for 1930 and subsequent years. From the incomplete statistics on registered births for prior years it is hazardous to judge how the 1930 birth order rates compared with the figures for the 1920 period. However, all of the 1930 rates were probably low in comparison with the earlier rates since the crude birth rate (based on total nonwhite births) dropped 21 percent between 1920 and 1930. In the period 1930-40 all birth order rates for nonwhite women changed very little. In later years increases occurred not only in the lower birth orders, but also in the orders indicating the formation of large families.

Gross and net reproduction rates

A measure frequently used to summarize fertility conditions in an area or race group is the gross reproduction rate. This rate represents the number of daughters a hypothetical cohort of 1,000 women entering the childbearing period together would have during their lives (a) if they were subject to a given set of age-specific birth rates, and (b) if none of the cohort were to die between birth and completion of the childbearing period.³² Thus, a cohort of 1,000 women would bear 1,551 daughters in their lifetime if they experienced the same age-specific birth rates that occurred in 1949 and no deaths occurred before the end of their reproductive period (table AQ). At no time in the history of this country has the rate been less than 1,000. However, it was very close to this level in the 1930's. During World War II, it rose to a point well above 1,000, increased very markedly in the first two postwar years, dropped slightly in 1948, and changed very little the following year. Gross reproduction rates for white and nonwhite women are also given in table AQ.

The net reproduction rate is based on the specific fertility and mortality conditions existing in a time period. A rate of 1,000 means that with the age-specific birth and death

TABLE AQ.—GROSS AND NET REPRODUCTION RATES BY RACE: UNITED STATES, 1935-49

(Births corrected for underregistration)

YEAR	GROSS REPRODUCTION RATE			NET REPRODUCTION RATE		
	All races	White	Nonwhite	All races	White	Nonwhite
1949	1,551	1,485	2,053	1,474	1,419	1,878
1948	1,542	1,484	1,975	1,462	1,415	1,798
1947	1,615	1,578	1,875	1,524	1,502	1,693
1946	1,445	1,411	1,688	1,359	1,340	1,515
1945	1,224	1,180	1,584	1,144	1,111	1,382
1944	1,259	1,216	1,577	1,171	1,141	1,385
1943	1,329	1,297	1,584	1,235	1,214	1,385
1942	1,282	1,252	1,511	1,190	1,173	1,316
1941	1,169	1,135	1,468	1,076	1,054	1,252
1940	1,116	1,079	1,414	1,023	1,000	1,205
1939	1,088	1,052	1,375	992	970	1,162
1938	1,113	1,078	1,381	1,011	990	1,161
1937	1,085	1,049	1,363	990	959	1,137
1936	1,071	1,039	1,317	962	945	1,090
1935	1,091	1,059	1,350	975	958	1,108

NOTE.—Figures for age of mother "Not stated" distributed.

³²The gross reproduction rate may be defined as the sum of the age-specific birth rates of female infants per 1,000 women of each single year of age. In computing the gross reproduction rates for this report, the age-specific rates for the 5-year age groups have been multiplied by 5, summed, and the total for all age groups multiplied by the proportion which female births formed of all births. The rates have been corrected for incompleteness in the registration of births. (See table E for correction factors.) "Not stated" data for age of mother were distributed.

rates experienced in a certain year (or years), a cohort of 1,000 newly born girls would bear just enough daughters to replace themselves.³³ During the 1930's the net reproduction rate was almost continually below 1,000. If the rate had remained at that level, it would have resulted eventually in a decrease in the population unless migration offset the losses. The sharp rise in fertility following World War II resulted in net reproduction rates for 1947 to 1949, which, if continued, would lead to an eventual increase in the population of between 40 and 50 percent per generation. In the white race group, the net reproduction rate has exceeded 1,000 each year since 1941. The rate for white women was well below replacement level in the 1930's. In contrast, the net reproduction rate among nonwhite women has always been above 1,000.

It will be noted that in each year the difference between the gross reproduction rate for white women and the comparable one for nonwhite is larger than the difference between the net reproduction rates. This is due to the higher age-specific mortality rates found among nonwhite women than among white.

The net reproduction rate should not be interpreted as a predictive measure.³⁴ This rate is intended only for use as a summary measure of specific fertility and mortality conditions in a stated period.

Plural births

The number of live births reported for any year is somewhat greater than the number of women having children, since in some cases the confinement results in the delivery of more than one child. In 1949, there were 3,487,548 single births and 36,819 plural sets of which at least one member was born alive. Of the latter group, twin sets accounted for 36,479, including 34,546 cases in which both mates were born alive and 1,933 cases in which one of the mates was born dead. There were 337 cases of triplets, among which 945 individuals were born alive, and 3 cases of quadruplets with 11 members of the sets living. For detailed tabulations of these cases, as well as cases in which all mates were born dead, see table 10, Part II.

Table AR shows data on cases of single and plural births, and the rate of occurrence of plural births for the registration States for specified years since 1915. The rate is derived by relating the total number of plural sets with at least one individual born alive, to the sum of this figure and the number of single live births. Thus, the base of the rate does not include single fetal deaths, and neither the numerator nor the base includes plural cases in which all the individuals were born dead. Until reporting of fetal deaths becomes more uniform and complete, this rate will probably remain the most meaningful of the various rates that might be used to express frequency of plural births. The rate has varied only slightly from year to year. Since 1933, when the birth-registration area became complete, the variation has been from a high of 11.8 plural cases per 1,000 total cases in 1933 to a low of 10.2 in 1943.

In table AS cases of plural births are related to total cases by race and age of mother. In 1949, as in previous years, the rate was lowest among the youngest age group of mothers and rose with each successively older age group to

³³To obtain the net reproduction rate, the birth rate for each specified 5-year age group was multiplied by 5 and by the probability (as determined from the life table for the year) of women surviving to that age group. The sum of these products was then multiplied by the proportion of births that were female.

³⁴Detailed discussion of this point appears in "Population Index," Population Association of America, Inc., vol. 15, No. 2, April 1949.

TABLE AR.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE: BIRTH-REGISTRATION STATES, FOR SPECIFIED YEARS

(The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

YEAR	Total live births	Total cases (single and plural)	Cases of single live births	CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE			Plural cases per 1,000 total cases	
				Total	Twins	Tripletts		Quadruplets
1949----	3,559,529	3,524,367	3,487,548	36,819	36,479	337	3	10.4
1948----	3,535,088	3,499,906	3,465,320	33,586	36,246	336	3	10.5
1947----	3,699,940	3,662,811	3,624,181	38,630	38,286	340	4	10.5
1946----	3,288,672	3,253,114	3,216,000	37,114	36,782	327	5	11.4
1945----	2,735,456	2,707,574	2,678,712	28,862	28,604	257	-	10.7
1944----	2,794,800	2,767,323	2,738,438	28,885	28,531	286	8	10.4
1943----	2,334,860	2,306,456	2,276,669	29,787	29,470	316	1	10.2
1942----	2,808,996	2,780,989	2,751,568	29,421	29,139	277	5	10.6
1941----	2,513,427	2,488,022	2,461,311	26,711	26,445	256	12	10.7
1940----	2,360,399	2,336,604	2,311,378	25,226	24,976	247	3	10.8
1939----	2,265,588	2,242,041	2,216,867	25,184	24,908	274	2	11.2
1938----	2,266,962	2,262,770	2,236,863	25,907	25,644	262	1	11.4
1937----	2,205,337	2,179,823	2,154,719	25,104	24,831	219	4	11.5
1936----	2,144,790	2,121,519	2,096,667	24,852	24,569	277	6	11.7
1935----	2,155,105	2,132,302	2,107,903	24,399	24,167	232	-	11.4
1934----	2,187,636	2,144,111	2,116,997	25,114	24,866	242	6	11.7
1933----	2,081,232	2,056,688	2,034,466	24,220	23,995	220	5	11.8
1932----	2,074,042	2,051,396	2,027,354	24,262	24,020	235	6	11.8
1931----	2,112,760	2,090,036	2,065,803	24,283	24,049	232	2	11.6
1930----	2,203,959	2,180,312	2,155,094	25,218	24,983	249	6	11.6
1925----	1,678,680	1,659,174	1,638,298	20,876	20,645	230	3	11.2
1920----	1,508,874	1,492,532	1,475,113	17,419	17,229	184	8	11.7
1915----	776,304	769,887	761,150	7,737	7,673	64	-	10.1

¹Includes 1 case of quintuplets (2 males born alive, 3 females stillborn) in Kentucky.

²Includes 1 case of quintuplets (4 females born alive, 1 female stillborn) in the District of Columbia.

TABLE AS.—RATIO OF PLURAL CASES TO TOTAL CONFINEMENTS BY RACE AND AGE OF MOTHER: UNITED STATES, 1949

(Ratios are per 1,000 maternity cases in which at least one child was born alive)

AGE OF MOTHER	All races	White	Nonwhite
ALL AGES-----	10.4	10.1	12.7
Under 20 years-----	6.1	5.8	6.8
20-24 years-----	8.3	8.0	10.5
25-29 years-----	11.0	10.5	15.1
30-34 years-----	13.9	13.4	18.9
35-39 years-----	16.1	15.3	21.6
40-44 years-----	13.4	12.8	17.9
45 years and over-----	7.7	7.2	10.6
Not stated-----	6.8	5.8	8.6

a peak among 35-39 year old mothers. The proportion of plural births was higher among nonwhite than among white deliveries in every age group.

Illegitimate births

Illegitimate birth data obtained from the live birth records in those States that require reporting on legitimacy are presented for each year from 1938 through 1949 in table AT. Estimates for the United States as a whole, which include an allowance for the other States, are also given. These figures do not contain adjustments for misstatements on birth certificates concerning legitimacy status, or for illegitimate births not registered at all, because of the present lack of adequate knowledge about these two groups.³⁵ Nevertheless,

³⁵For a detailed discussion of the qualifications and limitations of illegitimacy statistics, and for an analysis of such data by various characteristics (e.g., urban-rural residence of mother, person in attendance, birth order), see Shapiro, Sam, "Illegitimate Births, 1938-47," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 33, No. 5, 1950. The method of estimating for States not reporting legitimacy status is given in the report (p. 82).

TABLE AT.—ILLEGITIMATE LIVE BIRTHS BY RACE: REPORTING AREA AND THE UNITED STATES, 1938-49

YEAR	REPORTING AREA ¹			UNITED STATES (ESTIMATES) ²		
	All races	White	Nonwhite	All races	White	Nonwhite
1943-----	97,648	33,734	63,914	133,200	53,500	79,700
1948-----	96,307	37,931	58,376	129,700	54,800	74,900
1947-----	98,677	42,161	56,516	131,900	60,500	71,500
1946-----	95,395	42,860	52,535	125,200	61,400	63,800
1945-----	85,047	40,056	44,991	117,400	56,400	60,900
1944-----	87,001	36,252	50,749	105,200	49,600	55,600
1943-----	82,586	31,755	50,831	98,100	42,800	55,400
1942-----	83,459	33,117	50,342	96,500	42,000	54,500
1941-----	83,067	33,220	49,847	95,700	41,900	53,800
1940-----	77,558	32,032	45,526	89,500	40,300	49,200
1939-----	74,941	31,330	43,611	88,400	40,400	48,100
1938-----	74,462	32,043	42,419	87,900	41,200	46,800

¹The number of States not reporting legitimacy status increased from 4 to 16 between 1938 and 1948, and then decreased to 13 in 1949. The following States have not required a statement concerning the legitimacy of birth in the years specified: California, Massachusetts, and New York for each year; Texas for 1938 and 1939; Maryland, Nebraska, and New Hampshire for 1940-49; Wyoming for 1940-48; Colorado, Connecticut, and New Mexico for 1943-49; Arizona and Idaho for 1945-49; Nevada for 1945-48; South Carolina for 1946-48; Arkansas for 1947-48; Oklahoma for 1948 and 1949. In addition, 1949 data for Pennsylvania are excluded because of lack of comparability with preceding years.

²Derived by adding an estimate of the number of illegitimate births in States for which legitimacy data were not available, to the number of illegitimate live births tabulated for the reporting States. These estimates were rounded to the nearest hundred without being adjusted to group totals which were independently rounded. No estimates were included for misstatements on the birth record or for failures to register births.

the estimates serve the important function of indicating year-to-year changes in illegitimacy.

It will be noted that the estimated number of illegitimate live births in the United States varied only slightly between 1947 and 1949. This relative stability came after 4 years of sharp increases in illegitimacy.

The estimated number of children born out of wedlock in 1949 (133,200) was 49 percent above the figure (89,500) for 1940, the last year unaffected by war conditions. The increase was appreciable in both the white and nonwhite race groups. Until well after the war started (1943), there was little variation in the number of illegitimate births among white women. After 1943, the number rose markedly each year until 1946. During the second postwar year, the number started to decline. The sharpest drop occurred between 1947 and 1948. Despite these decreases, the number of children born out of wedlock to white women was about 33 percent higher in 1949 than in 1940. In contrast to this pattern, illegitimate births among nonwhite women rose in each of the years shown. Increases since 1944 have been particularly large. The estimated number in 1949 was 62 percent above the immediate prewar level.

While the trend in the number of out-of-wedlock births is of considerable value, for many analytical purposes rates per 1,000 unmarried women aged 15-44 years form a better basis for measuring change in the illegitimate birth problem.³⁶ In 1940, the estimated illegitimacy rate was 7.1; by 1949, the rate (13.4) was 89 percent higher. The increase reflects not only the rise in the number of illegitimate births but also the decrease in the unmarried female population that occurred during the war and postwar years.

Another useful measure for certain types of comparison is the illegitimacy ratio, i.e., the number of illegitimate live births per 1,000 live births in a specified group. The ratio should not be taken as a substitute for the illegitimacy rate. Actually, it answers only the following type of question: "What proportion of the births in the group is illegitimate?"

³⁶It is believed that only a relatively small number of births recorded as illegitimate occur to married women. These are cases in which it is known that the father of the child is not the husband of the mother.

The ratios in 1940 and 1949 based on estimates for the entire United States were as follows:

	1949	1940
Total-----	37.4	37.9
White-----	17.3	19.5
Nonwhite-----	167.5	168.2

The preceding data show that both before and after the war, a far greater percentage of the nonwhite births were illegitimate than was the case for the white group. It is generally believed that proportionately there is a greater understatement in the white race than in the nonwhite. Another interesting observation is that the 1949 ratios are somewhat lower than the 1940 figures. This arises from the greater increase between the 2 years in total births than in illegitimate births and does not imply a reduction in the illegitimacy problem.

The age distribution of women bearing children out of wedlock in 1949 is given in table AU. A substantial proportion (42 percent) of these births were to teen-age women, about a third were to those 20-24 years old, and much smaller proportions to each succeeding 5-year age group. About 30,000 of the illegitimate live births in 1949 were to very young girls, only 17 years of age or younger.

Data on illegitimate live births reported in 1947, 1948, and 1949 are given in table AW for individual States reporting legitimacy. This table shows the number of such births re-allocated to the State of the mother's usual residence, by race, and the number of illegitimate births per 1,000 live births.

State comparisons based on the data are affected by differences among the States in such important factors as: (1) marital status and age composition of the female population, (2) birth registration completeness, and (3) amount of misstatements on the birth record to conceal the illegitimacy of the birth. The last point is undoubtedly by far the most serious source of error in legitimacy statistics, and may vary appreciably from State to State. The second factor (underregistration) is minimized when illegitimacy ratios are used. However, consideration should be given to the possibility that illegitimate births may form a higher proportion of unregistered births than of registered.

TABLE AU.—ESTIMATED NUMBER AND PERCENTAGE DISTRIBUTION OF ILLEGITIMATE LIVE BIRTHS, BY AGE OF MOTHER FOR EACH RACE GROUP: UNITED STATES, 1949

(Estimates were rounded to the nearest hundred without being adjusted to group totals which were independently rounded. Derived figures were based on the unrounded absolute numbers)

AGE OF MOTHER	NUMBER			PERCENT		
	All races	White	Nonwhite	All races	White	Nonwhite
TOTAL-----	133,200	53,500	79,700	100.0	100.0	100.0
Under 15 years-----	3,000	600	2,400	2.3	1.1	3.0
15-19 years-----	53,500	19,800	33,700	40.2	37.0	42.3
15 years-----	5,400	1,300	4,100	4.1	2.4	5.1
16 years-----	9,600	2,900	6,700	7.2	5.4	8.4
17 years-----	12,300	4,600	7,700	9.2	8.6	9.7
18 years-----	15,500	5,500	10,000	10.1	10.3	10.0
19 years-----	12,700	5,500	7,200	9.5	10.3	8.0
20-24 years-----	40,300	17,700	22,600	30.3	33.1	28.4
25-29 years-----	19,500	8,300	11,200	14.6	15.5	14.1
30-34 years-----	9,800	4,100	5,700	7.4	7.7	7.2
35-39 years-----	5,700	2,400	3,300	4.3	4.5	4.1
40 years and over--	1,600	700	900	1.2	1.3	1.1

NOTE.—Estimates were derived by adding an estimate of the number of illegitimate births in States for which legitimacy data were not available, to the number of illegitimate live births tabulated for 34 reporting States and the District of Columbia. No estimates were included for misstatements on the birth record or for failures to register births.

TABLE AW.—NUMBER AND RATIO OF ILLEGITIMATE LIVE BIRTHS, BY RACE: REPORTING STATES, 1947-49

(By place of residence. Ratios per 1,000 live births in each specified group)

AREA AND RACE	ILLEGITIMATE BIRTHS					
	Number			Ratio		
	1949	1948	1947	1949	1948	1947
TOTAL ¹	92,447	88,362	88,879	40.2	38.9	37.6
White	33,043	33,263	36,488	16.9	17.1	17.8
Nonwhite	59,404	55,099	52,391	171.4	166.5	168.7
Alabama	6,980	6,578	6,155	82.7	77.0	69.9
White	663	632	724	12.7	11.7	12.5
Nonwhite	6,317	5,946	5,431	196.1	188.2	180.4
Delaware	522	499	498	70.8	68.8	63.2
White	144	154	155	23.6	25.3	23.5
Nonwhite	378	345	333	298.6	295.6	299.2
District of Columbia	1,935	2,082	2,042	97.7	100.0	94.2
White	337	399	457	29.0	31.3	32.6
Nonwhite	1,598	1,683	1,585	195.1	208.7	206.6
Florida	4,450	4,048	3,723	72.1	67.9	62.3
White	767	716	744	17.2	16.6	16.7
Nonwhite	3,683	3,332	2,979	213.5	203.9	194.3
Georgia	6,506	6,082	5,769	70.6	65.3	60.7
White	737	710	728	12.6	12.0	11.6
Nonwhite	5,769	5,372	5,041	168.4	159.7	157.0
Illinois	6,193	5,722	5,582	82.7	71.0	68.5
White	2,736	2,813	3,065	16.1	16.8	17.0
Nonwhite	3,457	2,909	2,517	182.6	168.8	161.6
Indiana	2,028	1,926	1,959	21.5	20.8	20.1
White	1,357	1,324	1,409	15.2	15.1	15.3
Nonwhite	671	602	530	134.7	129.4	132.3
Iowa	1,062	1,006	1,105	17.2	16.6	17.3
White	984	959	1,051	16.1	16.0	16.6
Nonwhite	78	47	54	138.5	92.0	113.4
Kansas	796	711	742	18.2	16.6	16.7
White	582	504	564	13.2	12.3	13.2
Nonwhite	214	207	178	112.1	103.9	103.9
Kentucky	2,435	1,865	2,101	32.0	24.2	26.3
White	1,504	1,154	1,364	21.1	15.9	18.0
Nonwhite	931	711	737	187.0	147.8	161.7
Louisiana	5,573	5,418	5,436	73.8	73.9	72.8
White	557	496	598	12.3	11.1	12.7
Nonwhite	5,016	4,920	4,838	168.2	172.6	175.7
Maine	603	708	837	27.5	32.1	35.1
White	599	705	828	27.3	32.0	34.7
Nonwhite	4	3	9	114.3	90.9	243.2
Michigan	3,975	4,305	4,335	25.3	27.8	26.9
White	2,389	2,741	2,985	16.6	19.2	19.9
Nonwhite	1,586	1,562	1,340	120.8	131.4	126.9
Minnesota	1,579	1,678	1,735	21.4	23.1	23.0
White	1,402	1,524	1,602	19.2	21.2	21.4
Nonwhite	177	154	133	218.5	203.3	199.7
Mississippi	6,301	6,025	5,973	94.9	92.3	88.4
White	253	291	320	8.8	9.8	9.8
Nonwhite	6,048	5,734	5,653	162.0	161.6	164.3
Missouri	2,833	2,446	2,452	33.2	29.7	27.2
White	1,193	1,234	1,251	15.4	15.8	15.0
Nonwhite	1,640	1,212	1,201	204.6	165.7	173.8
Montana	285	273	256	18.5	18.2	17.0
White	182	173	180	12.5	12.1	13.2
Nonwhite	103	100	86	127.2	126.1	94.6
Nevada ²	(80)	---	---	(21.0)	---	---
White ²	(41)	---	---	(12.1)	---	---
Nonwhite ²	(39)	---	---	(134.9)	---	---
New Jersey	2,382	2,186	2,254	24.2	22.4	21.2
White	1,097	1,041	1,163	12.4	11.7	11.8
Nonwhite	1,285	1,145	1,091	137.3	131.8	134.9
North Carolina	8,361	8,046	8,017	77.4	73.5	71.0
White	1,705	1,745	1,372	23.5	23.4	23.5
Nonwhite	6,656	6,301	6,145	187.2	180.8	184.6
North Dakota	359	317	377	21.3	19.1	22.1
White	303	261	332	18.4	16.1	19.9
Nonwhite	56	56	45	150.9	153.0	130.4
Ohio	5,059	4,513	4,749	26.7	24.2	24.1
White	3,087	2,834	3,172	17.6	16.4	17.1
Nonwhite	1,972	1,679	1,577	137.3	124.3	129.1
Oklahoma ²	---	---	(1,625)	---	---	(30.3)
White ²	---	---	(635)	---	---	(13.2)
Nonwhite ²	---	---	(990)	---	---	(174.9)
Oregon	472	545	585	13.4	15.5	16.4
White	423	467	520	12.2	13.5	14.5
Nonwhite	49	78	75	68.5	124.8	135.4
Pennsylvania ²	---	(7,945)	(8,173)	---	(35.0)	(32.9)
White ²	---	(4,668)	(5,038)	---	(22.1)	(21.6)
Nonwhite ²	---	(3,277)	(3,135)	---	(199.3)	(207.9)
Rhode Island	364	405	417	22.1	24.0	22.5
White	300	329	358	18.7	20.0	19.7
Nonwhite	64	76	59	151.7	192.7	150.5
South Carolina ²	(5,041)	---	---	(86.1)	---	---
White ²	(596)	---	---	(18.6)	---	---
Nonwhite ²	(4,453)	---	---	(165.7)	---	---
South Dakota	319	206	354	18.5	12.5	21.4
White	221	144	258	13.4	9.2	16.3
Nonwhite	98	61	86	135.2	86.5	140.1
Tennessee	4,250	4,176	4,208	51.3	50.8	48.8
White	1,447	1,424	1,518	21.4	21.1	20.8
Nonwhite	2,803	2,752	2,690	163.4	186.9	197.0
Texas	6,115	5,879	5,780	30.2	29.7	29.1
White	2,374	2,370	2,437	13.5	13.8	13.9
Nonwhite	3,741	3,509	3,343	140.7	138.3	142.4

TABLE AW.—NUMBER AND RATIO OF ILLEGITIMATE LIVE BIRTHS, BY RACE: REPORTING STATES, 1947-49—Continued

(By place of residence. Ratios per 1,000 live births in each specified group)

AREA AND RACE	ILLEGITIMATE BIRTHS					
	Number			Ratio		
	1949	1948	1947	1949	1948	1947
Utah	189	175	192	8.9	6.4	6.6
White	180	169	183	8.6	6.3	6.5
Nonwhite	9	6	9	32.6	18.2	34.2
Vermont	239	268	297	25.7	28.6	30.6
White	239	267	297	25.7	28.5	30.6
Nonwhite	---	1	---	---	333.3	0
Virginia	5,440	5,328	5,500	85.6	64.8	64.1
White	1,361	1,455	1,550	22.2	23.8	23.6
Nonwhite	4,079	3,873	3,950	168.8	184.4	196.5
Washington	995	981	1,274	17.6	17.6	21.8
White	836	850	1,130	15.3	15.7	19.9
Nonwhite	159	131	144	63.2	72.0	88.0
West Virginia	2,306	2,408	2,552	43.9	46.0	46.3
White	1,825	1,940	2,088	36.7	39.1	39.8
Nonwhite	481	468	464	165.7	167.9	177.2
Wisconsin	1,461	1,596	1,753	17.9	19.6	20.9
White	1,287	1,436	1,567	15.8	17.8	18.9
Nonwhite	194	160	186	135.1	154.6	195.2
Wyoming ²	(80)	---	---	(10.7)	---	---
White ²	(62)	---	---	(8.5)	---	---
Nonwhite ²	(18)	---	---	(100.0)	---	---

¹Excludes 16 States not reporting legitimacy status on birth records in all 3 years. In addition, data for Pennsylvania are excluded because of lack of comparability of data for 1949 with preceding years. See table AT for list of States not reporting in specified years.

²To maintain a comparable area, figures in parentheses are not included in total.

Attendant at birth

Since the middle of the 1930 decade there has been a sharp rise in the proportion of births delivered in hospitals, and a smaller but nevertheless important increase in the proportion attended by physicians.³⁷ These advances have, without doubt, been important factors in the continuous decline in the infant and maternal mortality rates.

The striking increase in the utilization of hospital facilities since 1935 (the first year data by attendant were tabulated by the National Office of Vital Statistics) may be seen in table AY. In 1949, 86.7 percent of the 3,559,529 registered live births were delivered in hospitals. Fourteen years earlier, in 1935, the comparable percentage was less than half as great. The trend between these 2 years is characterized by a rapid rise in the proportion through 1946. It has only been since 1946, when the proportion already exceeded 80 percent, that there was a noticeable slackening in the annual increase. In terms of numbers of births, the proportion for 1949 represented more than 3 million births in hospitals. This is well over twice as many births as were delivered in hospitals in 1940 and almost four times the number in 1935.

During the past 5 years the proportion of births delivered by physicians has been close to 95 percent. The corresponding figure for 1935 was 87 percent. The increase in the percent of physician-attended births since 1935, although relatively small, meant a marked reduction in the proportion of births delivered by nonphysicians. In recent years only 1 in 20

³⁷The term "attended by physicians" as used in this report includes births attended by physicians out of hospitals and all births in hospitals or institutions. Births are classified as occurring "in hospital or institution" on the basis of entries made on the birth certificate without regard to American Medical Association (AMA) registered hospital listings. Hence, numbers released by the National Office of Vital Statistics differ somewhat from those published by the AMA. In comparing data from the two sources, it should also be borne in mind that the surveys on which AMA figures are based cover a reporting period from October 1 to September 30, whereas the data of this Office are for the calendar year.

births was not medically attended as compared with 1 in 8 in 1935. Another point of interest in table AY is the rapid decline in the proportion of births delivered at home by physicians. In 1935, 51 percent of the births were attended by physicians outside of hospitals, but by 1949 the proportion had dropped to 8 percent.

TABLE AY.—NUMBER AND PERCENTAGE DISTRIBUTION OF LIVE BIRTHS, BY PERSON IN ATTENDANCE FOR EACH RACE GROUP: UNITED STATES, 1935 AND 1940-49

YEAR AND RACE	Total	NUMBER ATTENDED BY—			PERCENT ATTENDED BY—		
		Physician in hospital ¹	Physician not in hospital	Mid-wife, other, and not specified	Physician in hospital ¹	Physician not in hospital	Mid-wife, other, and not specified
ALL RACES							
1949-----	3,559,523	3,087,080	289,981	182,469	86.7	8.1	5.1
1948-----	3,535,066	3,025,206	325,454	185,428	85.6	9.1	5.3
1947-----	3,639,940	3,136,830	375,407	187,603	84.9	10.1	5.1
1946-----	3,288,672	2,708,223	402,759	177,690	82.4	12.2	5.4
1945-----	2,735,456	2,158,584	402,890	176,972	78.8	14.7	6.5
1944-----	2,794,830	2,112,953	453,463	183,374	75.6	17.7	6.7
1943-----	2,934,880	2,115,882	415,754	203,524	72.1	21.0	6.9
1942-----	2,808,998	1,906,835	693,921	208,242	67.9	24.7	7.4
1941-----	2,513,427	1,537,719	759,986	215,722	61.2	30.2	8.6
1940-----	2,380,399	1,316,768	825,271	218,360	55.8	35.0	9.3
1935-----	2,155,105	785,629	1,089,832	269,644	36.9	50.6	12.5
WHITE							
1949-----	3,083,721	2,825,078	214,198	44,445	91.6	8.9	1.4
1948-----	3,080,316	2,784,665	248,093	47,358	90.4	8.1	1.5
1947-----	3,274,620	2,925,374	300,198	49,048	89.3	9.2	1.5
1946-----	2,913,645	2,538,682	327,595	47,178	87.1	11.2	1.6
1945-----	2,395,563	2,016,929	329,147	47,487	84.3	13.7	2.0
1944-----	2,454,700	1,987,098	414,895	52,723	81.0	16.9	2.1
1943-----	2,594,763	2,002,313	524,177	56,273	77.2	20.6	2.2
1942-----	2,486,934	1,806,121	616,503	62,310	72.7	24.8	2.5
1941-----	2,204,903	1,448,132	688,189	68,593	65.7	31.2	3.1
1940-----	2,067,953	1,238,677	754,746	74,530	59.9	36.5	3.6
1935-----	1,888,012	746,974	1,019,271	121,767	39.6	54.0	6.4
NONWHITE							
1949-----	475,808	262,002	75,785	138,023	55.1	15.9	29.0
1948-----	454,752	240,341	75,541	139,070	52.9	16.6	30.6
1947-----	425,320	211,556	75,209	138,555	49.7	17.7	32.6
1946-----	375,027	169,341	75,174	130,512	45.2	20.0	34.8
1945-----	339,685	156,665	73,743	129,495	40.2	21.7	39.1
1944-----	340,100	125,881	78,568	135,651	37.0	23.1	39.9
1943-----	340,097	113,289	81,577	145,231	33.3	24.0	42.7
1942-----	322,062	98,712	77,418	145,932	30.6	24.0	45.3
1941-----	308,524	89,597	71,798	147,139	29.0	23.3	47.7
1940-----	292,446	78,091	70,525	143,830	26.7	24.1	49.2
1935-----	267,093	48,655	70,561	147,877	18.2	26.4	55.4

¹It is assumed that all births in hospitals are attended by physicians.

the medically attended group from place of birth "at home" to "in hospital." On the other hand, during this period there have been considerable changes among the nonwhite races not only in place of birth but also in person in attendance. The rise in the proportion of hospital births for the nonwhite group was accompanied by an appreciable decrease in the percentage of births attended by physicians at home and by a marked decline in the proportion of nonphysician deliveries. Twenty-nine percent of the nonwhite births in 1949 in comparison with 55 percent in 1935 were delivered by midwives and other nonphysicians.

Attendant at birth for urban and rural residents

In 1949, as in past years, a much greater proportion of the births to rural residents than to urban residents were delivered outside of hospitals and without medical attention.

With regard to proportions of physician-attended births, the urban-rural differential was very marked in the nonwhite group. Less than half of rural nonwhite births in 1949 were attended by a physician, while for urban residents of this race group the proportion was close to 90 percent. Only a small proportion of white births in 1949 to either urban or rural residents were not delivered by a physician.

The percentage of medically attended births in 1949 for rural nonwhite residents, although relatively small, represented almost a doubling of the figure recorded in 1940. Comparison of the 1940 and 1949 proportions of births delivered by physicians (in or out of hospitals) by place of residence follows:

Area	All races		White		Nonwhite	
	1949	1940	1949	1940	1949	1940
Urban---	97.9	96.9	99.2	98.7	88.7	80.8
Rural---	90.5	83.6	97.6	93.6	48.5	28.9

The gains since 1940 in the proportions of births occurring in hospitals were large for white and nonwhite residents of both urban and rural areas. The most outstanding change occurred in the white rural group, where the proportion rose from 37 to 84 percent. Although the increase among rural nonwhite residents was appreciable, the great majority of the births (3 out of 4) in this group were still being delivered at home in 1949. The contrast between 1940 and 1949 in percentages of births to urban and rural residents delivered in hospitals follows:

Area	All races		White		Nonwhite	
	1949	1940	1949	1940	1949	1940
Urban---	94.3	76.0	96.9	78.6	76.9	51.4
Rural---	75.8	32.3	83.9	36.6	27.3	8.6

Hospital births by State and geographic division

Table AZ shows the percentage of white and nonwhite births occurring in hospitals during 1949 for each State and geographic division by urban or rural residence of the mother. Although all areas and groups have made significant progress in recent years, these figures indicate that in some parts of the country a high proportion of women are not hospitalized at childbirth.

In 1949 there were 11 States in which the proportion of hospital births was less than 75 percent. Most of these States

Attendant at birth by race

The percentage of births delivered in hospitals has increased greatly since 1935 in both the white and nonwhite races. The proportion for the white group (40 percent in 1935) rose rapidly in the earlier years and in 1942 close to three-fourths of the white births occurred in hospitals. Each year after that the rise became progressively smaller until 1948 and 1949, when with about 90 percent of births in this group delivered in hospitals, the annual increase amounted to 1 percent. The proportion of hospital births among the nonwhite race tripled between 1935 and 1949 (from 18 to 55 percent), the largest increases occurring in the first two postwar years.

For the nonwhite group important increases since 1935 have also been recorded in the proportion of births attended by physicians (in and out of hospitals combined). Seventy-one percent of nonwhite births were medically attended in 1949 as compared with only 45 percent in 1935. The proportion of births to the white race attended by physicians has been close to 100 percent for a number of years and the increase in hospital births since 1935 meant principally a shift within

are in the southern part of the country. Urban residents of only 1 State had fewer than three-fourths of their births in hospitals, but there were 15 States in which the proportions for rural residents were this low in 1949. In the white group less than 75 percent of the births to rural residents of 10

States occurred in hospitals and for rural nonwhite residents the proportion of hospital births was below 25 percent in 10 States.

The difference between the percentage of hospital births for urban and rural residents in the white group was largest in the East South Central Division. Very small differences are evident in the New England and Pacific Divisions between the proportions of births occurring in hospitals for white urban and rural residents. Comparison for nonwhites indicates that the most pronounced variation occurred in the South Atlantic Division.

NOTE.—The discussion in the preceding sections on person in attendance has been based on tabulated data for registered births. If allowance is made for underregistration the proportion of births occurring in hospitals is slightly lowered, i.e., from 86.7 to 84.5 percent.³³ This is the general order of magnitude of the difference in each year beginning with 1935. The slopes of the trend lines (1935-49) as determined by the two sets of percentages are very similar. Greater differences are found in the two percentages among nonwhites than among whites, and data corrected and uncorrected for underregistration in some States would probably also show larger differences. In 1949, the figures for the two race groups taking into consideration estimates of unregistered births were 90.6 percent for the white and 49.5 percent for the nonwhite races. These are 1.0 and 5.6 percentage points below the comparable figures based on registered births.

Detailed statistics on births by type of attendant and place of residence are given in table 1, Part II. White and nonwhite races are shown separately for those counties and urban places in which nonwhites formed 10 percent or more of the total population in 1940, or numbered 10,000 or more. Table 3 in Part I presents these data by place of occurrence, excluding the race break-down.

TABLE A2.—PERCENT OF LIVE BIRTHS OCCURRING IN HOSPITALS, BY RACE; URBAN AND RURAL: UNITED STATES, EACH DIVISION AND STATE, 1949

(By place of residence)

AREA	ALL RACES			WHITE			NONWHITE		
	Total	Urban	Rural	Total	Urban	Rural	Total	Urban	Rural
UNITED STATES	96.7	94.3	75.8	91.6	86.9	63.9	55.1	76.9	27.5
GEOGRAPHIC DIVISIONS									
New England	97.7	98.9	94.3	97.7	98.9	94.3	97.5	97.7	91.0
Middle Atlantic	96.0	97.8	90.8	96.2	98.2	90.9	93.8	94.5	82.9
East North Central	94.9	96.6	91.3	95.8	98.1	91.6	83.4	84.1	71.5
West North Central	95.1	97.0	88.8	95.5	97.6	89.4	81.3	86.0	60.3
South Atlantic	70.7	87.0	58.8	84.6	96.5	75.7	38.1	63.7	20.3
East South Central	59.8	81.1	48.5	72.8	93.4	61.8	28.1	51.2	15.5
West South Central	77.4	85.8	67.2	83.0	88.5	76.0	54.6	73.4	36.4
Mountain	91.3	95.1	87.0	91.8	95.1	87.7	83.2	92.5	79.1
Pacific	98.3	98.8	97.5	98.5	98.9	97.7	96.4	97.1	95.8
NEW ENGLAND									
Maine	91.2	97.5	87.2	91.2	97.5	87.2	88.6	85.0	93.3
New Hampshire	96.0	99.5	97.1	98.4	99.5	97.1	95.0	100.0	87.5
Vermont	92.0	97.9	88.5	92.0	97.9	88.5	75.0	100.0	50.0
Massachusetts	98.8	98.9	98.1	98.8	98.9	98.2	96.9	97.6	81.6
Rhode Island	98.6	98.7	98.2	98.7	98.7	98.1	97.9	97.7	100.0
Connecticut	99.4	99.5	99.0	99.4	99.6	99.1	98.0	98.1	86.2
MIDDLE ATLANTIC									
New York	98.1	98.7	96.0	98.3	98.9	96.1	96.4	96.7	87.4
New Jersey	97.3	97.9	95.4	97.9	98.4	96.3	91.6	93.3	82.2
Pennsylvania	92.6	96.4	85.0	92.8	97.0	85.0	90.8	91.6	79.5
EAST NORTH CENTRAL									
Ohio	94.4	97.2	88.3	94.8	98.0	88.5	89.7	90.9	74.0
Indiana	91.7	94.4	87.6	93.1	96.9	87.8	67.0	87.5	50.0
Illinois	94.6	95.6	92.4	96.6	98.1	92.7	78.4	78.9	67.1
Michigan	96.2	97.5	93.7	96.9	98.5	94.1	88.9	90.3	64.4
Wisconsin	97.1	98.9	95.0	97.2	99.0	95.1	91.7	92.4	80.3
WEST NORTH CENTRAL									
Minnesota	97.5	98.7	95.8	97.5	98.8	95.9	93.1	93.3	92.9
Iowa	96.1	98.4	93.9	96.1	98.5	95.9	95.9	97.0	73.1
Missouri	83.9	94.0	69.3	84.5	94.8	71.6	77.9	86.2	26.0
North Dakota	95.3	99.6	95.5	95.4	99.6	95.8	91.1	100.0	90.3
South Dakota	96.2	98.8	94.9	96.7	98.9	95.6	84.4	91.1	85.6
Nebraska	96.1	98.3	94.0	96.1	98.5	94.0	93.8	93.8	95.5
Kansas	95.0	98.8	82.8	95.7	98.0	83.1	79.5	81.2	65.3
SOUTH ATLANTIC									
Delaware	90.2	96.5	82.9	95.7	98.8	92.0	63.9	85.1	39.8
Maryland	85.6	88.0	82.7	91.6	94.5	88.7	64.2	70.7	50.6
District of Columbia	98.3	98.3	...	99.4	99.4	...	96.7	96.7	...
Virginia	71.1	87.9	60.8	82.4	96.8	73.5	39.0	82.6	24.4
West Virginia	64.5	81.2	52.6	66.2	92.8	54.4	34.1	83.6	21.9
North Carolina	68.1	87.2	59.3	84.4	97.2	78.0	35.0	85.0	24.1
South Carolina	54.2	78.5	42.4	84.3	95.4	76.4	18.8	41.1	12.4
Georgia	67.2	83.7	55.9	88.1	97.0	81.9	31.9	59.8	14.2
Florida	77.3	84.3	67.5	92.1	97.7	84.6	38.9	50.5	22.1
EAST SOUTH CENTRAL									
Kentucky	62.2	87.8	49.3	63.0	91.2	50.0	51.7	63.7	30.9
Tennessee	71.4	86.1	61.3	76.8	94.0	68.9	47.3	64.2	24.1
Alabama	59.4	77.4	47.0	77.0	94.0	66.7	28.2	50.3	15.0
Mississippi	44.4	67.5	36.6	79.7	96.2	72.0	16.8	32.0	13.1
WEST SOUTH CENTRAL									
Arkansas	63.4	82.6	54.1	77.5	93.6	69.3	21.1	44.4	11.8
Louisiana	80.3	91.4	68.7	81.7	97.2	85.1	63.3	81.3	47.1
Oklahoma	84.4	92.9	75.7	87.2	95.8	78.3	62.0	68.8	55.6
Texas	77.8	85.0	69.1	80.8	84.5	74.7	57.7	73.0	34.2
MOUNTAIN									
Montana	96.9	98.6	95.2	97.3	98.6	95.9	90.0	96.6	89.2
Idaho	97.7	98.8	96.9	97.8	98.8	97.0	94.4	100.0	91.9
Wyoming	96.5	97.1	95.9	96.8	97.1	96.5	83.8	93.0	81.0
Colorado	83.5	96.4	89.0	83.5	96.4	88.9	94.3	94.3	94.5
New Mexico	70.0	82.2	59.5	70.1	82.0	58.8	89.6	88.6	65.6
Arizona	91.3	94.2	87.3	92.5	94.4	89.4	83.2	90.1	80.7
Utah	98.1	98.8	97.0	98.1	98.8	97.2	92.8	98.5	87.3
Nevada	97.7	98.6	96.6	98.6	99.1	98.0	86.5	91.0	65.2
PACIFIC									
Washington	98.0	98.4	98.2	99.0	99.5	98.3	97.7	98.9	95.2
Oregon	98.2	98.3	96.9	98.3	99.4	97.0	95.2	97.1	91.1
California	98.2	98.6	97.4	98.4	98.7	97.6	96.4	97.0	93.7

NOTE.—Each percent is obtained from the ratio between (a) number of resident births in each specified race and urban-rural group occurring in hospitals and (b) the total number of births in each race and urban-rural group. Percents are not additive.

FETAL DEATH STATISTICS

Definition and reporting of fetal deaths (stillbirths)

Differences in the definition of a fetal death and in the completeness with which fetal deaths are registered are two of the most important factors affecting the comparability of fetal death statistics for the United States.

The United States definition of a fetal death (stillbirth) for registration purposes in 1949 reads, "A fetus showing no evidence of life after complete birth (no action of heart, breathing, or movement of voluntary muscle), if the 20th week of gestation has been reached, should be registered as a stillbirth."³⁹ In 1950 the Third World Health Assembly recommended the adoption of a broader definition of fetal death,⁴⁰ and the description of fetal deaths in terms of weeks of gestation, rather than by the use of the words stillbirth, abortion, etc., which had corresponded roughly to periods of gestation. No changes were made in practices regarding collection of fetal death data for 1949, although the term "fetal death" recommended by the World Health Organization has been adopted beginning with publications of the National Office of Vital Statistics appearing in 1951.

³⁹Percentages of registration completeness for births occurring in institutions and for births outside of institutions determined from the 1940 birth registration test (Vital Statistics—Special Reports, vol. 23, No. 8) were used to derive these estimates.

⁴⁰Bureau of the Census, "Manual of the International List of Causes of Death and Joint Causes of Death," Government Printing Office, Washington, D.C., 1940.

⁴¹Federal Security Agency, Public Health Service, National Office of Vital Statistics, "International Recommendations on Definitions of Live Birth and Fetal Death." PHS Publication No. 39, Washington, D.C., October 1950.

State definitions of fetal death (stillbirth) vary considerably not only with respect to the criteria for determining the absence of life but also as to the minimum gestation age⁴¹ for which a fetal death report is required. In the great majority of States, the minimum gestation age is variously defined as "advanced to the fifth month," "reached the 20th week," "after at least 20 weeks," or "5 months (20 weeks) or more." New York City requires the reporting of any product of conception, while for three States the minimum gestation period ranges from 5½ to 7 months.⁴² Such differences have made it

difficult to compile uniform fetal death statistics for the United States.

Table BA gives the number of fetal deaths registered in each State by period of gestation in weeks for 1949. Of the 81,489 fetal deaths registered in 1949, 60 percent (48,793) were reported in weeks and 28 percent (22,793) in months. When gestation period was reported in months, this information was converted to weeks according to the intervals shown in the table. It will be noticed that while most cases conform to the State's definition, some fetal deaths of less than the minimum gestation requirement are reported. It will also be noticed that information on the important item of gestation age is lacking for 9,903, or 12.2 percent of the total. The number of fetal deaths for which gestation age was not reported varied by State in 1949 from one or two in a few States to all cases in Massachusetts where the reporting of gestation age is not required.

In classifying fetal deaths for statistical purposes, the World Health Assembly recommended that they be grouped as

⁴¹The difficulties in reckoning gestation age are discussed in "Stillbirth Statistics by Period of Gestation: United States and Each State, 1944," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 25, No. 17, 1947.

⁴²Rhode Island requests that all products of conception be registered, but only certificates for fetal deaths of six completed months of gestation are used for statistical purposes.

TABLE BA.—FETAL DEATHS BY PERIOD OF GESTATION: UNITED STATES AND EACH STATE, 1949

(By place of occurrence)

AREA	Total	Under 16 weeks (under 4 months)	16-19 weeks (und 4 months)	20-23 weeks (and 4½ and 5 months)	24-27 weeks (and 5½ and 6 months)	28-31 weeks (and 6½ and 7 months)	32-35 weeks (and 7½ and 8 months)	36 weeks	37 weeks (and 8 and 8½ months)	38 weeks	39 weeks	40 weeks (and 9 months)	41 weeks and over (and 9½ months or more)	Not stated
UNITED STATES	81,489	9,048	1,892	5,660	7,092	8,155	7,892	4,205	1,479	1,821	835	22,235	1,272	9,903
Alabama	2,311	-	22	185	225	314	228	269	47	67	38	664	18	234
Arizona	358	-	2	24	34	44	35	39	4	15	6	129	8	18
Arkansas	799	-	9	36	76	86	95	26	16	8	1	351	4	110
California	3,789	3	18	394	470	499	498	282	123	183	101	1,027	125	36
Colorado	557	-	2	33	62	47	78	2	18	1	1	221	3	89
Connecticut	580	3	4	17	38	69	75	45	7	28	18	177	8	63
Delaware	168	1	-	14	11	12	22	11	1	5	3	68	1	19
District of Columbia	578	1	8	54	64	78	70	56	20	27	8	141	20	31
Florida	1,579	1	7	127	154	204	170	203	23	52	14	546	19	59
Georgia	2,221	1	4	147	250	325	367	-	83	1	-	944	11	88
Idaho	263	-	7	22	15	23	29	16	3	15	6	54	7	66
Illinois	3,213	2	14	193	375	413	468	11	64	13	2	1,515	17	126
Indiana	1,556	3	4	90	142	187	177	139	37	89	24	460	39	165
Iowa	1,004	6	13	69	99	117	122	94	33	48	22	211	40	130
Kansas	722	2	14	64	69	84	76	60	24	19	10	168	24	107
Kentucky	1,490	1	21	83	107	170	138	146	13	27	19	390	19	356
Louisiana	1,826	-	14	121	210	279	269	1	68	-	-	856	5	23
Maine	365	-	-	23	40	57	47	38	10	22	5	92	9	22
Maryland	1,173	14	28	115	130	145	121	63	17	34	15	339	18	133
Massachusetts	1,657	-	-	-	-	-	-	-	-	-	-	-	-	1,657
Michigan	2,977	2	25	201	351	382	380	11	23	1	-	1,459	-	142
Minnesota	1,213	-	5	67	108	112	149	73	24	21	15	296	31	313
Mississippi	2,006	1	5	150	205	227	214	181	26	61	13	844	16	63
Missouri	1,797	29	27	200	192	196	212	87	41	36	20	607	37	114
Montana	232	-	1	25	24	23	35	26	5	13	5	61	5	9
Nebraska	505	-	4	47	50	43	59	46	14	21	15	118	23	64
Nevada	67	1	3	9	7	8	4	12	2	1	1	9	2	8
New Hampshire	246	4	6	16	39	24	45	21	4	15	5	54	7	6
New Jersey	1,929	23	41	157	169	211	216	145	49	71	35	549	105	158
New Mexico	384	-	3	38	45	45	42	36	6	15	11	107	13	23
New York (excl. New York City)	2,665	8	26	217	317	365	380	205	96	142	72	665	128	42
New York City	14,456	8,898	1,307	828	532	477	390	207	92	172	70	990	188	505
North Carolina	2,780	4	14	169	293	387	326	226	53	68	33	886	34	287
North Dakota	272	-	3	17	22	27	35	24	7	5	1	63	4	64
Ohio	3,746	12	88	395	373	409	405	259	75	82	42	985	65	560
Oklahoma	850	-	4	51	71	100	75	-	15	-	-	378	3	153
Oregon	503	-	8	42	42	53	65	41	12	20	4	111	7	98
Pennsylvania	4,490	9	78	479	512	550	511	144	76	51	27	1,954	34	65
Rhode Island	291	-	-	7	22	39	41	-	5	-	-	170	-	7
South Carolina	1,628	3	1	73	164	213	177	79	23	10	5	604	1	275
South Dakota	259	1	6	11	17	32	30	19	8	21	7	61	8	36
Tennessee	1,785	-	2	105	185	225	178	123	43	84	52	755	30	2
Texas	4,266	7	4	95	127	145	144	168	17	54	15	611	23	2,856
Utah	304	-	4	23	32	35	32	20	12	13	2	61	8	62
Vermont	155	-	1	7	15	19	20	-	-	-	-	77	-	14
Virginia	1,973	7	24	123	243	204	183	227	29	57	20	460	23	373
Washington	874	-	3	83	106	120	142	72	41	41	21	198	24	22
West Virginia	1,296	2	8	97	116	160	166	110	15	36	17	396	17	216
Wisconsin	1,274	-	-	110	136	160	196	132	52	49	29	360	40	10
Wyoming	123	-	-	7	8	11	17	10	3	7	5	33	2	22

¹Requires reporting of fetal deaths of not less than 28 weeks or measuring at least 13.8 inches.

²Requires reporting of any product of conception. Number reported under 4 weeks gestation, 35; 4-7 weeks, 1,799; 8-11 weeks, 4,544; 12-15 weeks, 2,462.

³Requires that all products of conception be registered, but only certificates for fetal deaths of six completed months of gestation are used for statistical purposes.

⁴Minimum gestation period, 5½ months.

⁵Requires reporting of fetal deaths advanced to 5 months gestation or a total length of 10 inches.

NOTE.—Gestation period reported in months as well as weeks during 1949. Conversion from months to weeks was made according to intervals shown above. For the United States, 48,793 fetal deaths were reported in weeks, 22,793 in months, and 9,903 as gestation period "Unknown" or "Not reported."

early, intermediate, and late fetal deaths. The groups are defined as follows:

- Less than 20 completed weeks of gestation-----Group I (early)
- 20 completed weeks of gestation but less than 28-----Group II (intermediate)
- 28 completed weeks of gestation and over-----Group III (late)
- Gestation period not classifiable in groups I, II, and III-----Group IV

As a step toward achieving a more uniform basis for the compilation of fetal death data, fetal deaths in group I, that is, of less than 20 weeks (or 5 months) gestation are excluded from all tables in Part II of this volume and from tables BC, BD, XI, and 11 in Part I. However, all fetal deaths for which gestation age was not stated (group IV) are included in these tables since it seems reasonable to assume, on the basis of reporting practice, that few are under 20 weeks (or 5 months) and that this small number would not justify distribution by age.

Registration of fetal deaths is far from complete. A recent study⁴³ conducted in New York City, where registration is probably more complete than for the country as a whole, indicates that of 2,045 fetal deaths, 44 percent were not reported. The proportion not reported varied from 67 percent for those occurring in the first trimester of pregnancy to 14 percent for those occurring in the third trimester. Although little or no quantitative information is available regarding the extent of underregistration elsewhere, it is considered to be quite large and to vary with geographic area, with race, with economic status, and with other characteristics of the population.

Trend of the fetal death ratio

Fetal death ratios by race are shown in table BB for the birth-registration States for the years 1922 through 1949. The ratios are computed for all fetal deaths reported, regardless of gestation period, because data by period of gestation are not available for the birth-registration States for the years before 1942.

The fetal death ratio for the birth-registration States showed no significant change for nearly a decade, remaining at about 39 per 1,000 live births through 1930. Since then the

TABLE BB.—FETAL DEATH RATIOS BY RACE: BIRTH-REGISTRATION STATES, 1922-49

(Includes all fetal deaths reported, regardless of stated period of gestation (groups I, II, III, and IV). Ratios per 1,000 live births in each specified group)

YEAR	All races	White	Non-white	YEAR	All races	White	Non-white
1948-----	22.9	20.3	39.7	1935-----	35.8	31.1	68.7
1946-----	23.5	20.9	41.5	1934-----	36.2	31.4	70.1
1947-----	23.7	21.1	44.2	1933-----	37.0	32.2	71.1
1946-----	25.6	23.2	44.2	1932-----	37.8	32.7	74.4
1945-----	26.6	24.1	44.6	1931-----	38.2	33.4	74.1
1944-----	27.0	24.5	45.4	1930-----	39.2	34.0	79.9
1943-----	26.7	24.2	46.2	1929-----	39.5	34.4	79.7
1942-----	28.2	25.5	49.3	1928-----	40.2	35.0	81.5
1941-----	29.9	26.5	54.0	1927-----	38.8	34.8	74.8
1940-----	31.3	27.7	56.7	1926-----	38.1	35.1	73.0
1939-----	32.0	28.2	59.0	1925-----	38.1	35.1	73.1
1938-----	32.1	28.1	61.1	1924-----	39.3	35.8	76.2
1937-----	33.4	29.2	63.2	1923-----	38.9	35.9	71.8
1936-----	34.4	29.8	66.9	1922-----	39.4	36.4	73.4

NOTE.—Data relating to fetal deaths (stillbirths) were collected for 1918 but not for 1919 to 1921, inclusive.

⁴³Baumgartner, Leona; Wallace, Helen M.; Landsberg, Eva; and Pessin, Vivian, "The Inadequacy of Routine Reporting of Fetal Deaths," American Journal of Public Health, vol. 39, No. 12, pp. 1549-1552, December 1949.

ratio has dropped 41.6 percent from 39.2 per 1,000 live births in 1930 to 22.9 in 1949. The relative decline has been somewhat greater for the nonwhite than for the white population. While the ratio for the white population declined 40.3 percent, from 34.0 in 1930 to 20.3 in 1949, the ratio for the nonwhite races decreased 50.3 percent from 79.9 to 39.7. Although no data are available to show that completeness of fetal death registration has improved since 1930, there is no reason to believe that it has decreased; nor would the possible decrease in the number of reportable fetal deaths resulting from changes in State definitions appear sufficient to account for the observed decline in the fetal death ratio. It is likely, therefore, that the decline in the fetal death ratio since 1930 represents a real reduction in fetal loss, even though improvement in the completeness of live birth registration is a factor that may have affected the ratios for the past decade.

Fetal death ratios by age of mother, and race

In relation to the number of live births, fetal deaths are much more frequent in the nonwhite than in the white population. The fetal death ratio for the nonwhite population of the United States in 1949 was 34.6 per 1,000 live births. This is nearly twice as high as the corresponding ratio (17.5) for the white population.

Table BC gives fetal death ratios by age of mother and race for the United States in 1949. In both race groups, the fetal death ratio is at a minimum among women in the age group 20-24 years and increases with increasing age of mother. At every age, the ratio for the nonwhite population is higher than that for the white population.

TABLE BC.—FETAL DEATH RATIOS BY AGE OF MOTHER AND RACE: UNITED STATES, 1949

(Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV). Ratios per 1,000 live births in each specified group)

AGE OF MOTHER	All races	White	Nonwhite
ALL AGES ¹ -----	19.9	17.5	34.6
Under 15 years-----	30.9	20.8	58.2
15-19 years-----	17.9	14.9	27.7
20-24 years-----	15.1	13.5	28.8
25-29 years-----	18.9	15.1	32.5
30-34 years-----	22.2	20.0	41.8
35-39 years-----	32.0	26.2	53.2
40-44 years-----	46.3	42.4	72.7
45 years and over-----	73.8	68.8	99.1

¹Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

Fetal death ratios by State

Table BD gives fetal death ratios for 1949 by race for each State and geographic division by place of residence. These ratios, as noted previously, are computed only for fetal deaths of 20 weeks or more gestation including the "Not stated" group (groups II, III, and IV). The ratios for the total population range from 13.8 per 1,000 live births for residents of Connecticut to 29.9 for residents of Mississippi. By geographic division, the ratios range from 15.1 for the Pacific States to 24.6 for the South Atlantic. In every geographic division, the ratio for the nonwhite races is higher than that for the white population. It is difficult, however, to interpret these geographic differences in the fetal death ratios because of differences from State to State in registration completeness and in the definition of fetal death.

TABLE ED.—FETAL DEATH RATIOS BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1949

(By place of residence. Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV). Ratios per 1,000 live births in each specified group)

AREA	All races	White	Nonwhite
UNITED STATES	19.8	17.5	34.6
GEOGRAPHIC DIVISIONS			
New England	16.6	16.4	24.3
Middle Atlantic	21.1	19.7	37.0
East North Central	17.8	16.9	29.2
West North Central	17.0	16.3	35.8
South Atlantic	24.6	19.1	37.6
East South Central	24.2	19.2	36.6
West South Central	20.7	17.7	35.3
Mountain	16.3	16.0	22.9
Pacific	15.1	14.7	21.6
NEW ENGLAND			
Maine	17.1	17.0	57.1
New Hampshire	18.3	18.3	0
Vermont	16.8	16.7	250.0
Massachusetts	17.2	17.0	27.8
Rhode Island	17.6	17.7	14.2
Connecticut	15.8	15.6	20.9
MIDDLE ATLANTIC			
New York	22.8	20.9	42.0
New Jersey	19.8	18.7	30.3
Pennsylvania	19.5	18.4	33.0
EAST NORTH CENTRAL			
Ohio	19.3	18.3	31.9
Indiana	16.2	15.4	30.9
Illinois	17.3	16.2	27.4
Michigan	18.8	17.9	28.6
Wisconsin	15.5	15.3	25.1
WEST NORTH CENTRAL			
Minnesota	16.2	16.0	29.6
Iowa	15.6	15.5	24.9
Missouri	20.0	18.1	37.7
North Dakota	16.0	15.5	40.4
South Dakota	14.6	14.4	17.9
Nebraska	15.9	15.6	25.2
Kansas	16.5	15.9	29.4
SOUTH ATLANTIC			
Delaware	22.9	20.8	33.2
Maryland	22.4	19.4	33.1
District of Columbia	22.2	17.6	28.7
Virginia	24.2	18.4	40.8
West Virginia	23.9	23.5	30.7
North Carolina	25.6	19.0	39.1
South Carolina	27.7	16.5	40.9
Georgia	23.6	16.9	34.8
Florida	25.6	19.5	41.6
EAST SOUTH CENTRAL			
Kentucky	19.5	18.9	29.1
Tennessee	20.8	18.8	29.8
Alabama	27.3	20.2	38.8
Mississippi	29.9	18.8	39.6
WEST SOUTH CENTRAL			
Arkansas	17.3	14.9	24.5
Louisiana	24.0	16.9	34.8
Oklahoma	17.4	15.6	31.1
Texas	21.1	18.9	35.8
MOUNTAIN			
Montana	15.0	15.1	13.6
Idaho	16.4	16.3	21.6
Wyoming	16.6	16.3	27.8
Colorado	16.6	16.5	18.5
New Mexico	17.7	17.0	26.6
Arizona	17.5	16.7	22.1
Utah	14.0	13.6	43.5
Nevada	16.9	16.0	27.7
PACIFIC			
Washington	15.2	14.7	27.7
Oregon	13.9	13.7	23.8
California	15.3	14.8	21.0

MORTALITY STATISTICS

A total of 1,443,607 deaths was registered in the United States in 1949. The crude death rate, based on the estimated population excluding the armed forces overseas, was 9.7 per 1,000 population. This is the lowest crude death rate that has ever been recorded for the country. The previous low was 9.9 in 1948.

Trend of the crude death rate

Table BE gives the number of deaths and the crude death rates for the death-registration States for each year from 1900

TABLE BE.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES, 1900-1949
(Exclusive of fetal deaths. Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population of continental United States ¹	DEATH-REGISTRATION STATES		
		Estimated midyear population ²	Number ³	Rate
1949	149,149,000	148,558,000	1,443,607	9.7
1948	146,621,000	146,045,000	1,444,537	9.9
1947	144,129,000	143,575,000	1,445,370	10.1
1946	141,598,000	139,895,000	1,395,617	10.0
1945	139,834,000	132,137,000	1,401,719	10.6
1944	138,390,000	132,622,000	1,411,338	10.6
1943	136,719,000	132,971,000	1,459,544	10.9
1942	134,831,000	133,752,000	1,385,187	10.4
1941	133,577,000	133,058,000	1,397,842	10.5
1940	132,114,000	131,936,000	1,417,269	10.7
1939	130,879,718	130,679,718	1,387,897	10.6
1938	129,824,839	129,824,839	1,381,391	10.6
1937	129,824,829	128,824,829	1,450,427	11.3
1936	128,053,180	128,053,180	1,479,228	11.6
1935	127,250,232	127,250,232	1,392,752	10.9
1934	126,373,773	126,373,773	1,396,903	11.1
1933	125,578,763	125,578,763	1,342,106	10.7
1932	124,840,471	119,905,899	1,235,269	10.9
1931	124,039,648	118,148,987	1,307,273	11.1
1930	123,078,741	117,238,878	1,327,240	11.3
1929	121,769,939	116,317,450	1,369,757	11.9
1928	120,501,115	115,636,160	1,561,997	12.0
1927	119,039,062	107,084,532	1,211,627	11.3
1926	117,599,225	105,822,685	1,257,256	12.1
1925	115,831,963	102,031,555	1,191,809	11.7
1924	114,113,463	99,518,098	1,151,076	11.6
1923	111,949,345	96,769,197	1,174,085	12.1
1922	110,054,778	92,702,801	1,083,932	11.7
1921	108,541,489	87,814,447	1,009,673	11.5
1920	106,466,420	86,079,263	1,119,070	13.0
1919	104,512,110	83,157,962	1,072,263	12.9
1918	103,202,801	79,009,412	1,430,079	18.1
1917	103,265,913	70,234,775	961,259	14.0
1916	101,965,984	66,971,177	924,971	13.9
1915	100,549,013	61,894,947	815,500	13.2
1914	99,117,567	60,965,309	810,914	13.3
1913	97,226,814	59,156,740	802,909	13.6
1912	95,331,300	54,847,700	745,771	13.6
1911	93,867,814	53,929,644	749,918	13.9
1910	92,406,536	47,470,437	696,856	14.7
1909	90,491,525	44,223,513	630,057	14.2
1908	88,708,976	39,634,759	567,245	14.7
1907	87,000,271	34,552,837	550,245	15.9
1906	85,436,556	33,782,288	531,005	15.7
1905	83,819,666	21,767,980	345,863	15.9
1904	82,164,974	21,332,076	349,855	16.4
1903	80,632,152	20,943,222	327,295	15.6
1902	79,160,196	20,582,907	318,856	15.5
1901	77,585,128	20,237,453	332,203	16.4
1900	76,094,134	19,965,446	343,217	17.2

¹For 1940-49, includes armed forces overseas.

²For 1940-49, excludes armed forces overseas.

³For 1940-49, exclusive of deaths among armed forces overseas.

through 1949. In 1900, the first year in which mortality statistics were collected on an annual basis for the registration area, the crude death rate was 17.2 per 1,000 estimated population. Since then the death rate has decreased by more than 40 percent. The decline has been fairly continuous, the only major interruption occurring in 1918, when the death rate rose to 18.1 as a result of the influenza pandemic. These figures are for an expanding geographic area, which increased from 10 States and the District of Columbia in 1900 to the entire United States in 1933. Each State with the year of admission to the registration area, is listed in table BF.

In the absence of mortality data for the entire United States for the years before 1933, crude death rates for the expanding registration area are frequently used as an index of the decline in mortality for the country as a whole. Their general downward trend is not misleading. Essentially the same trend is found in the crude death rates for the individual States, shown in table II.

However, both the level and the rate of change of the crude death rates for the expanding registration area have been influenced by changes in the composition of the population of the area. During the expansion period of the registration system, the population composition of the area changed frequently by the addition of States whose populations varied in age and race distribution as well as in occupational and other characteristics. A second type of change in population composition was brought about by the decline in the birth rate before 1936 and the fall in the death rate, and by restrictions placed on immigration. As a consequence the average age of the population increased.

TABLE BF.—YEAR IN WHICH EACH STATE WAS ADMITTED TO THE DEATH-REGISTRATION AREA

YEAR	STATE	YEAR	STATE	YEAR	STATE
1880	Massachusetts	1908	Washington	1919	Florida
	New Jersey		Wisconsin		Mississippi
	Dist. of Columbia ¹	1909	Ohio	1920	Nebraska
1890	Connecticut	1910	Minnesota	1922	Georgia ²
	Delaware ²		Montana		Idaho
	New Hampshire		North Carolina ⁴		Wyoming
	New York		Utah	1923	Iowa
	Rhode Island	1911	Kentucky	1924	North Dakota
	Vermont		Missouri	1925	Alabama
1900	Maine	1913	Virginia		West Virginia
	Michigan	1914	Kansas	1926	Arizona
	Indiana	1916	South Carolina	1927	Arkansas
1906	California	1917	Tennessee	1928	Oklahoma
	Colorado	1918	Illinois	1929	Nevada
	Maryland		Louisiana		New Mexico
	Pennsylvania		Oregon	1933	Texas
	South Dakota ³				

¹Included in States.

²Dropped from the registration area in 1900; readmitted in 1919.

³Dropped from the registration area in 1910; readmitted in 1950.

⁴Included only municipalities with populations of 1,000 or more in 1900 (about 16 percent of the total population); the remainder of the State was added to the area in 1916.

⁵Dropped from the registration area in 1925; readmitted in 1928.

The influence of the population changes resulting from the growth of the death-registration States may be seen from a comparison of the crude death rates for the expanding area with those for a fixed group of States, the death-registration States of 1900 (table BG). Although the trends for both the fixed and the expanding group of registration States are affected to some extent by the aging of the population in the respective areas, the differences between the two may be attributed chiefly to the changing composition of the expanding group of registration States. Since 1906, when 5 States were added to the original area, the rates for the expanding area have been lower than those for the States of 1900. The comparatively low death rates for some of the newly admitted States may have been due partly to less complete registration

than in the States of 1900. It is also true that the majority of the newly admitted States were those with a younger population which would be expected to have lower crude death rates.

The effect of the changing age structure of the population upon the crude death rates for the expanding group of registration States may be examined by comparing their trend with the trend in the rates adjusted for age (table BN). The rate of decline in the crude death rate for the period 1900 to 1917 was about three times greater than that for the period beginning with 1921. But, when the rates are adjusted for changes in the age composition of the population, the rates of decline in the death rates for the two periods are found to be nearly the same.⁴⁴

Death rates for the period of World War II, which have been

TABLE BG.—CRUDE DEATH RATES: DEATH-REGISTRATION STATES OF 1900, 1900-1949

(By place of occurrence. Exclusive of fetal deaths. Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population ¹	Deaths ²	Crude death rate
1949	39,902,000	395,432	9.9
1948	39,151,000	410,069	10.5
1947	38,270,000	410,439	10.7
1946	37,216,000	399,454	10.7
1945	34,565,000	400,527	11.6
1944	34,866,000	401,104	11.5
1943	35,078,000	424,163	12.1
1942	35,632,000	394,767	11.1
1941	35,749,000	391,677	11.0
1940	35,486,000	394,650	11.1
1939	35,314,889	391,329	11.1
1938	35,111,774	385,121	11.0
1937	34,932,731	405,351	11.5
1936	34,760,511	405,605	11.7
1935	34,507,613	388,861	11.3
1934	34,211,463	390,206	11.4
1933	33,985,324	384,733	11.3
1932	33,804,620	385,305	11.3
1931	33,639,002	385,630	11.4
1930	33,424,483	385,970	11.5
1929	32,794,166	406,954	12.4
1928	32,017,994	398,826	12.5
1927	31,398,197	374,441	11.9
1926	31,098,147	400,729	12.9
1925	30,708,973	379,877	12.4
1924	30,132,895	368,739	12.2
1923	29,538,065	380,174	12.9
1922	28,994,025	364,935	12.6
1921	28,582,224	347,355	12.2
1920	28,044,761	389,608	13.9
1919	27,635,524	374,613	13.6
1918	26,955,633	516,578	19.2
1917	26,982,383	403,506	15.0
1916	26,572,517	397,698	15.0
1915	26,185,198	373,705	14.3
1914	25,815,832	371,441	14.4
1913	25,367,952	372,895	14.7
1912	24,882,050	363,619	14.6
1911	24,498,110	368,087	15.0
1910	24,130,431	377,015	15.6
1909	23,689,456	353,576	14.9
1908	23,202,753	351,163	15.1
1907	22,757,506	366,658	16.1
1906	22,261,378	353,906	15.9
1905	21,767,980	345,863	15.9
1904	21,332,076	349,855	16.4
1903	20,943,222	327,295	15.6
1902	20,582,907	318,636	15.5
1901	20,237,453	332,203	16.4
1900	19,965,446	343,217	17.2

¹For 1940-49, excludes armed forces overseas.

²For 1940-49, exclusive of deaths among armed forces overseas.

⁴⁴For detailed analysis, see Moriyama, Iwao M., "Age-Adjusted Death Rates in the United States, 1900-1940," Bureau of the Census, Vital Statistics—Special Reports, vol. 23, No. 1, 1945.

computed for the population present in the country, excluding the armed forces overseas, were influenced by the changes in population composition resulting from the withdrawal of young men for duty with the armed forces overseas. Thus, the crude rate became more heavily weighted by the higher mortality of the older age groups in the population. It will be noticed, however, that the total death rate, adjusted for age, declined regularly during the war and postwar years, excepting a rise in 1943 which was associated with an epidemic of influenza.

While the death rates presented in table BE reflect health conditions in the United States, for the war years they are not a true measure of population loss. Table BH shows the total number of deaths from 1940 to 1949 for the entire population of the United States. The death rates in table BH are computed from deaths including those among the armed forces overseas and estimates of the population including the armed forces overseas. The rates are at about the same level as the death rates for the continental United States for 1940 to 1942; for 1943 to 1945, they exceed the rates given in table BE; and for 1946 to 1949, they again return to the level of the rates for the continental United States.

TABLE BE.—DEATHS AND CRUDE DEATH RATES: UNITED STATES, 1940-49

(Exclusive of fetal deaths. Includes deaths among armed forces overseas. Rates per 1,000 estimated midyear population including armed forces overseas)

YEAR	Deaths ¹	Death rates	YEAR	Deaths ¹	Death rates
1949	1,444,294	9.7	1944	1,572,859	11.4
1948	1,445,664	9.9	1943	1,501,211	11.0
1947	1,447,222	10.0	1942	1,417,546	10.5
1946	1,399,510	9.9	1941	1,400,861	10.5
1945	1,510,582	10.8	1940	1,417,404	10.7

¹Compiled from unpublished provisional data of the Bureau of Medicine and Surgery, Department of the Navy and the Office of the Surgeon-General, Department of the Army.

Crude death rates by State

The crude death rate by State of residence in 1949 ranged from 7.3 per 1,000 population for Utah to 11.7 for residents of New Hampshire (table BJ). In general, the higher rates were among residents of the New England, Middle Atlantic, and North Central Divisions and the lower rates in the Southern, Mountain, and Pacific.

Differences in the crude death rates for States reflect not only differences in mortality but also differences in the age, race, and sex composition of the population. For example, the relatively high death rates for some of the New England and Middle Atlantic States are associated with the older average age of persons living in these areas and therefore do not necessarily indicate less favorable mortality conditions. In addition, it may be assumed that differences in completeness of death registration are a factor in the geographic differences in the crude rates.

Between 1940 and 1949 the crude death rate declined in all except a few States. By geographic division, the percentage change in the rate varied from a decrease of 1 percent for the West North Central Division to a drop of 17 percent for the Pacific.

In interpreting the year-to-year changes in the crude death rates for the individual States since 1940, it should be kept in mind that the population of each State was affected by the mobilization of young men into the armed forces during the war years and by their demobilization in the latter part of 1945 and 1946. Furthermore, rapid changes occurred in the composition of State populations owing to the internal migration of civilians and of military personnel. It should be noted that the rates in table BJ are based on a consistent series of intercensal population estimates recently prepared by the Bureau

TABLE BJ.—CRUDE DEATH RATES: UNITED STATES, EACH DIVISION AND STATE, 1940, 1948, AND 1949, AND PERCENTAGE CHANGE IN RATE, 1940 TO 1949

(By place of residence. Exclusive of fetal deaths and of deaths among armed forces overseas. Rates per 1,000 estimated total midyear population present in area)

AREA	1949	1948	1940	Percentage change 1940 to 1949
UNITED STATES	9.7	9.9	10.7	-9.3
GEOGRAPHIC DIVISIONS				
New England	10.5	10.9	11.7	-10.3
Middle Atlantic	10.4	10.8	11.2	-7.1
East North Central	10.1	10.1	11.0	-8.2
West North Central	10.2	10.4	10.3	-1.0
South Atlantic	8.9	9.0	10.4	-14.4
East South Central	9.3	9.3	10.4	-10.6
West South Central	8.5	8.7	9.7	-12.4
Mountain	9.0	9.5	10.2	-11.8
Pacific	9.5	9.5	11.4	-16.7
NEW ENGLAND				
Maine	11.2	11.3	12.5	-10.4
New Hampshire	11.7	12.1	12.6	-7.1
Vermont	11.3	11.4	13.0	-13.1
Massachusetts	10.6	11.1	11.8	-10.2
Rhode Island	10.2	10.4	11.2	-8.9
Connecticut	9.4	9.9	10.5	-10.5
MIDDLE ATLANTIC				
New York	10.5	11.0	11.1	-5.4
New Jersey	10.0	10.3	11.0	-9.1
Pennsylvania	10.4	10.7	11.3	-8.0
EAST NORTH CENTRAL				
Ohio	10.1	10.2	11.4	-11.4
Indiana	10.3	10.4	11.8	-12.7
Illinois	10.7	10.8	11.3	-5.3
Michigan	9.2	9.2	9.9	-7.1
Wisconsin	9.9	10.0	10.0	-1.0
WEST NORTH CENTRAL				
Minnesota	9.5	9.6	9.5	0
Iowa	10.2	10.5	10.4	-1.9
Missouri	11.2	11.2	11.6	-3.4
North Dakota	8.0	8.2	8.3	+8.4
South Dakota	8.2	8.8	8.9	+5.4
Nebraska	8.8	10.1	9.7	+1.0
Kansas	10.1	10.3	10.4	-2.9
SOUTH ATLANTIC				
Delaware	10.4	10.7	12.3	-15.4
Maryland	9.5	9.8	12.0	-20.8
District of Columbia	10.1	9.3	11.8	-14.4
Virginia	8.9	8.9	10.9	-18.3
West Virginia	8.9	9.2	9.3	-4.3
North Carolina	7.9	7.9	8.9	-11.2
South Carolina	8.7	9.1	10.7	-18.7
Georgia	8.8	9.0	10.4	-15.4
Florida	9.5	9.5	11.2	-15.2
EAST SOUTH CENTRAL				
Kentucky	9.8	9.9	10.5	-6.7
Tennessee	8.9	8.9	10.0	-11.0
Alabama	8.9	8.9	10.4	-14.4
Mississippi	10.0	9.9	10.7	-6.5
WEST SOUTH CENTRAL				
Arkansas	8.5	8.4	8.9	-4.5
Louisiana	8.9	9.1	10.6	-17.6
Oklahoma	9.1	9.0	9.0	+1.1
Texas	8.3	8.5	9.8	-15.3
MOUNTAIN				
Montana	10.5	11.0	10.4	+1.0
Idaho	8.2	8.9	9.4	-12.8
Wyoming	8.6	8.9	8.6	0
Colorado	9.9	10.5	10.8	-8.5
New Mexico	8.6	9.5	10.3	-14.6
Arizona	8.8	9.3	10.9	-19.5
Utah	7.3	7.6	8.7	-16.1
Nevada	10.1	10.2	12.5	-19.2
PACIFIC				
Washington	9.5	9.5	11.5	-17.4
Oregon	9.3	9.5	11.1	-16.2
California	9.6	9.4	11.4	-15.8

of the Census, utilizing the results of both the 1940 and 1950 decennial censuses.⁴⁵

⁴⁵Bureau of the Census, "Current Population Reports, Population Estimates," Series P-25, No. 47, 1951.

Death rates by month

Table BK shows crude death rates by month for the United States for the 9 years 1941 through 1949. From this series of monthly rates it can be seen that the seasonal movement in the crude death rate is characterized by a swing from minimum rates in August and September to maximum rates in the winter months. This cycle in the crude death rate for all causes roughly parallels the seasonal changes in the incidence of respiratory diseases. The higher death rates for the winter months represent an excess in mortality from a number of causes of death, some of which is associated with an increased mortality from the respiratory diseases. The highest December death rate in the 9-year period, that for December 1943, was associated with an epidemic of influenza which reached its peak at the end of the month.

TABLE BK.—DEATH RATES BY MONTH: UNITED STATES, 1941-49

(Exclusive of fetal deaths and of deaths among armed forces overseas. Rates on an annual basis per 1,000 estimated midyear population excluding armed forces overseas)

MONTH	1949	1948	1947	1946	1945	1944	1943	1942	1941
TOTAL	9.7	9.9	10.1	10.0	10.6	10.6	10.9	10.4	10.5
January	10.3	11.2	10.8	11.7	11.4	13.4	11.8	11.4	12.9
February	10.3	11.1	10.8	11.2	11.4	11.4	11.7	11.3	12.0
March	10.3	10.5	11.5	10.4	10.9	11.2	11.7	11.2	11.3
April	10.0	9.9	10.6	10.0	10.5	10.9	11.2	10.6	10.6
May	9.5	9.7	9.8	9.8	10.4	10.3	10.6	10.0	10.2
June	9.5	9.5	9.6	9.6	10.3	10.1	10.5	9.7	10.1
July	9.4	9.1	9.2	9.1	9.7	9.7	9.8	9.7	8.9
August	8.9	8.3	9.4	8.8	9.6	9.4	9.5	9.1	9.4
September	9.0	8.8	9.0	9.2	9.6	9.4	9.5	9.4	9.3
October	9.3	9.6	9.5	9.5	10.3	10.1	10.1	10.1	9.6
November	8.8	9.6	10.1	9.8	10.5	10.4	10.4	10.4	10.3
December	10.2	10.3	10.8	10.6	12.8	11.2	14.0	11.3	10.4

Death rates by age, race, and sex

The great variation in mortality with age, race, and sex is evident in the data for 1949 shown in table BL. Mortality is lowest in childhood and highest at the two extremes of the life span. From a comparatively high level in early infancy, the death rate drops sharply and remains comparatively low during childhood. Thereafter, the death rate rises, slowly during the young adult years, and more rapidly during middle and older age.

At every age throughout the life span, males are subject to a higher mortality than females. The proportionate difference in the death rates for the two sexes is greater for the white than for the nonwhite population. In 1949 the death rate for white males was 35.8 percent higher than the death rate for white females, while the corresponding difference between the death rates for the two sexes in the nonwhite population was 25.3 percent.

The death rates among nonwhite persons in 1949 exceeded the death rates for white persons in each of the age groups shown except those for ages 75 years and over, and were more than twice as high as the rates for white persons in the age range 15 to 54 years. The relative difference in the mortality of the two race groups is greater among females than among males.

The differing trends in mortality by age are evident in table XVI. This table gives death rates by age for the expanding area of death-registration States from 1900 to 1949, inclusive. In this period, the death rate has declined at every age, the greatest relative decrease having occurred in the death rates for the younger ages, and the smallest in the rates for the older ages. Since 1900, the death rate for young children, 1-4 years of age, has decreased 92 percent, while the difference

TABLE BL.—DEATH RATES BY AGE, RACE, AND SEX: UNITED STATES, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas. Rates per 1,000 estimated midyear population in each specified group, excluding armed forces overseas)

AGE AND SEX	All races	White	Nonwhite
ALL AGES ¹	9.7	9.5	11.1
Male	11.1	11.0	12.4
Female	8.3	8.1	9.9
Under 1 year	34.1	30.7	60.5
Male	38.4	34.7	67.9
Female	29.6	26.5	53.5
1-4 years	1.5	1.4	2.4
Male	1.6	1.5	2.6
Female	1.4	1.2	2.2
5-14 years	0.6	0.6	0.6
Male	0.8	0.7	1.0
Female	0.5	0.5	0.7
15-24 years	1.5	1.1	2.6
Male	1.7	1.5	2.9
Female	0.9	0.8	2.4
25-34 years	1.9	1.5	4.5
Male	2.2	1.9	5.0
Female	1.5	1.2	4.0
35-44 years	3.8	3.2	8.8
Male	4.6	4.0	9.7
Female	3.0	2.5	8.1
45-54 years	8.7	7.8	17.7
Male	10.8	10.0	20.1
Female	6.5	5.6	15.5
55-64 years	18.9	17.9	31.6
Male	23.9	23.0	35.0
Female	14.0	12.9	28.1
65-74 years	43.5	42.6	56.8
Male	51.7	51.0	60.7
Female	35.8	34.7	52.7
75-84 years	94.5	96.0	74.5
Male	106.3	107.9	84.6
Female	84.6	86.0	65.1
85 years and over	242.0	243.3	99.6
Male	246.5	244.4	116.8
Female	239.7	242.6	88.2

¹Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

between the 1900 and 1949 death rates for persons in the age group 75-84 years is only 23 percent, and that for persons 85 years and over is 7 percent. Some year-to-year fluctuation is found in these series of death rates but, in general, the death rate for each age group has declined fairly continuously. One major interruption is to be noted, that caused by the influenza epidemic of 1918. Here it is of interest to see that this epidemic had its greatest impact upon young adults. The death rate for the age group 15-24 years was more than twice as high in 1918 as in the preceding year. On the other hand, the death rates for infants and for older persons were less affected. In fact, the death rates for persons in the age groups 55 years and over declined slightly from the 1917 level.

The trends in the crude death rates by race and sex for the death-registration States are shown in table BM for the years 1900 through 1949. The corresponding age-adjusted death rates for the same period are given in table BN. Between 1900 and 1949, the age-adjusted rate for white males declined 46 percent, while there was a decrease of 51 percent in the adjusted rate for nonwhite males. Somewhat greater reductions are seen in the age-adjusted rates for females of both race groups. Of particular interest is the widening differential in the death rates for males and females which appeared shortly after World War I. For example, in 1926, the age-adjusted death rate for males was little more than 14 percent higher than that for females. By 1949, the difference had increased to 44 percent.

TABLE HM.—DEATH RATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1949

(Exclusive of fetal deaths. Rates per 1,000 estimated midyear population in each specified group)

YEAR	ALL RACES			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1949 ²	9.7	11.1	8.5	9.5	11.0	8.1	11.1	12.4	9.9
1948 ²	9.9	11.5	8.5	9.7	11.2	8.3	11.3	12.6	10.0
1947 ²	10.1	11.5	8.7	9.9	11.4	8.5	11.3	12.5	10.2
1946 ²	10.0	11.4	8.6	9.8	11.3	8.5	11.1	12.3	9.9
1945 ²	10.6	12.7	8.8	10.4	12.5	8.6	12.0	13.9	10.4
1944 ²	10.6	12.4	9.0	10.4	12.3	8.8	12.4	13.9	11.0
1943 ²	10.9	12.4	9.4	10.7	12.2	9.2	12.6	14.0	11.6
1942 ²	10.4	11.7	9.0	10.1	11.5	8.7	12.7	14.0	11.4
1941 ²	10.5	11.8	9.2	10.2	11.4	8.9	13.5	14.8	12.2
1940 ²	10.7	12.0	9.5	10.4	11.6	9.2	13.8	15.1	12.5
1939	10.6	11.7	9.5	10.3	11.3	9.2	13.5	14.7	12.4
1938	10.6	11.7	9.6	10.3	11.3	9.2	14.0	15.2	12.9
1937	11.5	12.5	10.0	10.8	12.0	9.6	14.9	16.4	13.4
1936	11.6	12.7	10.4	11.1	12.3	9.9	15.4	16.9	13.9
1935	10.9	12.0	9.9	10.6	11.6	9.5	14.3	15.6	13.0
1934	11.1	12.1	10.0	10.5	11.7	9.6	14.8	16.0	13.5
1933	10.7	11.6	9.7	10.3	11.2	9.3	14.1	15.1	13.1
1932	10.9	11.7	10.0	10.5	11.3	9.6	14.5	15.4	13.5
1931	11.1	12.0	10.2	10.6	11.5	9.6	15.5	16.5	14.5
1930	11.5	12.3	10.4	10.8	11.7	9.8	16.3	17.4	15.3
1929	11.9	12.8	11.0	11.5	12.2	10.4	16.9	18.0	15.8
1928	12.0	12.8	11.1	11.4	12.3	10.5	17.1	18.0	16.2
1927	11.5	12.1	10.5	10.8	11.6	10.0	16.4	17.2	15.6
1926	12.1	12.9	11.3	11.6	12.3	10.8	17.8	18.7	16.9
1925	11.7	12.4	10.9	11.1	11.8	10.4	17.4	18.2	16.6
1924	11.6	12.3	10.9	11.0	11.8	10.3	17.1	17.8	16.3
1923	12.1	12.7	11.5	11.7	12.3	11.0	16.5	17.0	16.0
1922	11.7	12.3	11.1	11.3	11.9	10.7	15.2	15.7	14.8
1921	11.5	11.9	11.0	11.1	11.6	10.6	15.5	15.7	15.4
1920	15.0	15.4	12.6	12.6	15.0	12.1	17.7	17.8	17.5
1919	12.9	13.5	12.3	12.4	13.0	11.8	17.9	18.1	17.8
1918	18.1	19.8	16.4	17.3	19.3	15.8	25.6	26.7	24.4
1917	14.0	15.0	12.9	13.5	14.6	12.4	20.4	21.4	19.4
1916	15.8	14.8	12.8	13.4	14.4	12.4	19.1	19.8	18.4
1915	13.2	14.0	12.3	12.9	13.7	12.0	20.2	20.8	19.5
1914	15.3	14.2	12.4	13.0	13.9	12.1	20.2	20.9	19.4
1913	15.8	14.8	12.8	13.5	14.5	12.5	20.3	21.0	19.6
1912	13.6	14.5	12.7	13.4	14.3	12.4	20.6	21.3	19.7
1911	15.9	14.7	13.0	13.7	14.5	12.8	21.3	21.9	20.6
1910	14.7	15.6	13.7	14.5	15.4	13.6	21.7	22.3	21.0
1909	14.2	15.1	13.4	14.0	14.9	13.2	21.8	22.3	21.2
1908	14.7	15.5	13.8	14.5	15.3	13.6	22.4	22.8	22.0
1907	15.9	17.0	14.8	15.7	16.8	14.5	24.3	25.0	23.5
1906	15.7	16.7	14.7	15.5	16.5	14.4	24.2	24.7	23.6
1905	15.9	16.7	15.0	15.7	16.5	14.8	25.5	26.8	24.3
1904	16.4	17.3	15.5	16.2	17.1	15.3	26.1	27.6	24.7
1903	15.8	16.4	14.8	15.4	16.2	14.6	24.5	25.5	23.4
1902	15.5	16.4	14.6	15.3	16.2	14.4	23.6	24.8	22.3
1901	16.4	17.3	15.8	16.2	17.1	15.4	24.3	25.6	23.1
1900	17.2	17.9	16.5	17.0	17.7	16.3	25.0	25.7	24.4

²Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

TABLE HN.—AGE-ADJUSTED DEATH RATES BY RACE AND SEX: DEATH-REGISTRATION STATES, 1900-1949

(Rates per 1,000 population. Computed by the direct method using as the standard population the age distribution of the population of the United States as enumerated in 1940)

YEAR	ALL RACES			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
1949 ²	8.8	10.4	7.2	8.4	10.0	6.8	12.6	14.0	11.5
1948 ²	9.0	10.6	7.5	8.6	10.2	7.1	12.8	14.3	11.4
1947 ²	9.1	10.7	7.7	8.8	10.4	7.3	12.9	14.1	11.6
1946 ²	9.3	10.8	7.8	8.9	10.4	7.3	12.7	14.0	11.5
1945 ²	9.6	11.2	8.1	9.2	10.8	7.7	13.5	15.0	12.2
1944 ²	9.8	11.4	8.4	9.4	10.9	7.9	14.1	15.4	12.9
1943 ²	10.3	11.7	8.8	9.8	11.3	8.3	14.7	15.9	13.6
1942 ²	10.0	11.4	8.6	9.5	10.9	8.1	14.7	16.0	13.4
1941 ²	10.3	11.7	8.9	9.8	11.2	8.3	15.7	17.1	14.4
1940 ²	10.7	12.1	9.4	10.2	11.6	8.8	16.2	17.5	14.9
1939	10.7	12.0	9.5	10.2	11.4	8.9	16.0	17.1	14.9
1938	10.9	12.1	9.7	10.3	11.5	9.1	16.6	17.7	15.5
1937	11.7	13.1	10.3	11.1	12.4	9.7	17.8	19.2	16.3
1936	12.2	13.5	10.8	11.5	12.8	10.1	18.5	20.1	17.0
1935	11.6	12.9	10.4	11.1	12.3	9.8	17.3	18.5	16.1
1934	11.9	13.1	10.7	11.3	12.5	10.0	17.9	19.0	16.7
1933	11.6	12.7	10.5	11.0	12.2	9.9	17.2	18.1	16.4
1932	11.9	12.9	10.8	11.3	12.3	10.2	17.8	18.6	17.0
1931	12.1	13.2	11.0	11.4	12.5	10.3	19.0	19.9	18.1
1930	12.5	13.5	11.3	11.7	12.8	10.6	20.1	21.0	19.2
1929	13.2	14.2	12.1	12.4	13.5	11.4	21.0	21.9	20.0
1928	15.4	14.4	12.3	12.8	13.6	11.5	20.9	21.7	20.2
1927	12.6	13.5	11.6	11.9	12.8	10.9	19.8	20.4	19.3
1926	13.5	14.3	12.5	12.7	13.6	11.8	21.4	22.1	20.8
1925	13.0	13.9	12.2	12.3	13.2	11.4	20.9	21.4	20.4
1924	12.9	13.7	12.1	12.2	13.1	11.3	20.5	21.1	20.0
1923	13.5	14.2	12.8	12.9	13.7	12.1	19.8	20.0	19.7
1922	13.0	13.7	12.4	12.6	13.3	11.8	18.3	18.4	18.4
1921	12.7	13.2	12.1	12.2	12.7	11.6	18.2	18.0	18.6
1920	14.2	14.7	13.8	13.7	14.2	13.1	20.6	20.4	21.0
1919	14.0	14.6	13.4	13.4	14.1	12.8	20.5	20.3	20.8
1918	19.0	20.9	17.3	18.4	20.2	16.6	28.0	28.9	27.1
1917	15.3	16.5	14.0	14.7	16.0	13.4	23.4	24.1	22.7
1916	15.1	16.2	13.9	14.7	15.8	13.4	22.2	22.6	21.6
1915	14.4	15.4	13.4	14.1	15.1	13.0	23.1	23.5	22.6
1914	14.5	15.6	13.4	14.1	15.2	13.0	22.6	23.3	21.9
1913	15.0	16.1	13.7	14.6	15.8	13.4	22.7	23.3	22.0
1912	14.8	16.0	13.7	14.6	15.7	13.4	23.1	24.0	22.2
1911	15.2	16.2	14.1	14.9	15.9	13.8	23.7	24.4	22.9
1910	15.8	16.9	14.6	15.6	16.7	14.4	24.1	24.8	23.2
1909	15.3	16.3	14.2	15.0	16.1	14.0	24.1	24.8	23.3
1908	15.8	16.8	14.6	15.5	16.6	14.4	24.7	25.3	24.1
1907	17.1	18.4	15.7	16.8	18.2	15.4	26.6	27.5	25.7
1906	16.7	17.9	15.4	16.4	17.6	15.1	26.2	27.0	25.5
1905	16.7	17.8	15.7	16.5	17.6	15.4	26.3	26.9	26.9
1904	17.3	18.4	16.2	17.1	18.1	16.0	29.1	30.7	27.4
1903	16.5	17.4	15.5	16.2	17.2	15.3	27.2	28.5	25.9
1902	16.2	17.2	15.1	16.0	17.0	14.9	25.9	27.5	24.5
1901	17.2	18.2	16.2	17.0	18.0	16.0	26.9	28.4	25.5
1900	17.8	18.6	17.0	17.6	18.4	16.8	27.8	28.7	27.1

²The age-specific rates used in computing age-adjusted rates are exclusive of deaths among armed forces overseas and are based on population excluding armed forces overseas.

Trend of death rates for selected causes of death

Table XIV gives death rates for selected causes of death for the expanding area of the death-registration States for the years 1900 to 1949, inclusive. The most striking features to be found in these data are the great reductions in the mortality from the infectious diseases and the rise in mortality from the diseases of the older ages.

Valid studies of these trends depend, in part, upon the comparability of classification and coding procedures for the years under consideration. The list of causes of death shown in table XIV is derived from the International Statistical Classification of Diseases, Injuries, and Causes of Death, which is the Sixth Revision of the International Lists. This list has been used in the United States for the first time in 1949. Data for past years coded according to the classification in current use at that time have been regrouped wherever possible to include the same causes. The more serious discontinuity produced by the change in rules for selecting the single cause of death to be

tabulated under the Sixth Revision⁴⁶ has been taken into account by presenting death rates for selected causes for the past decade in two ways, according to the Sixth Revision, and according to the Fifth.

In table XIV, death rates for 1949 are shown computed from the tabulated frequencies according to the Sixth Revision, and also, estimated according to the Fifth Revision by applying the comparability ratios shown in table G. In table BO rates for the decade 1939 through 1948 have been corrected to be comparable with the rates for 1949 according to the Sixth Revision, by applying the comparability ratio for each cause to the tabulated frequencies for those years.⁴⁷ For most causes, interpretation of mortality trends since the early part of the century will not be affected seriously by the changes introduced with

⁴⁶See text on pp. XIV-XVII.

⁴⁷See footnote No. 18 on p. XVI.

TABLE DO.—PROVISIONAL DEATH RATES, BASED ON THE SIXTH REVISION, FOR 64 SELECTED CAUSES OF DEATH: UNITED STATES, 1939-49

(Exclusive of fetal deaths. Rates per 100,000 estimated midyear population. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	1949 (final)	COMPARABLE DEATH RATES BASED ON THE SIXTH REVISION OF THE INTERNATIONAL LISTS (PROVISIONAL) ¹									
		1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
ALL CAUSES-----	971.7	989.0	1,008.1	997.6	1,080.8	1,064.2	1,089.4	1,055.6	1,050.4	1,074.2	1,060.4
Tuberculosis, all forms-----001-019	26.3	28.8	32.2	34.9	38.4	39.6	40.8	41.4	42.7	43.9	45.2
Tuberculosis of respiratory system-----001-008	24.2	26.5	29.7	32.2	35.4	36.6	37.5	39.0	39.1	40.4	41.3
Tuberculosis, other forms-----010-019	2.1	2.3	2.4	2.8	3.0	2.9	3.3	3.4	3.6	3.6	3.9
Syphilis and its sequelae-----020-029	5.8	5.9	5.8	6.9	7.9	8.4	9.0	9.1	9.9	10.7	11.2
Typhoid fever-----040	0.1	0.1	0.2	0.2	0.4	0.4	0.5	0.5	0.8	1.0	1.5
Cholera-----043	0	0	0	0	0	0	0	0	0	0	0
Dysentery, all forms-----045-048	1.0	0.8	0.7	0.7	1.5	1.5	1.6	1.5	2.0	2.0	2.1
Scarlet fever and streptococcal sore throat-----050,051	0.3	0.4	0.4	0.5	0.9	1.0	1.2	1.2	1.4	1.8	2.2
Diphtheria-----055	0.4	0.4	0.6	0.9	1.2	0.9	0.9	1.0	1.0	1.1	1.5
Whooping cough-----056	0.5	0.8	1.4	0.9	1.5	1.4	2.6	1.9	2.8	2.2	2.3
Meningococcal infections-----057	0.8	0.6	0.8	0.9	1.3	2.1	2.2	0.7	0.5	0.5	0.7
Plague-----058	0.0	0	0.0	0	0	0	0.0	0	0.0	0.0	0
Acute poliomyelitis-----080	1.8	1.3	0.4	1.3	0.9	1.0	0.8	0.4	0.6	0.8	0.6
Smallpox-----084	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Measles-----085	0.6	0.6	0.3	0.9	0.2	1.4	0.9	0.9	1.6	0.5	0.9
Typhus and other rickettsial diseases-----100-108	0.0	0.1	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2
Malaria-----110-117	0.1	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.9	1.1	1.3
All other infective and parasitic dis.-----030-039,041,042,044,049,052-054,059-074,081-083,086-096,120-138	2.6	2.9	2.9	3.1	3.6	3.6	4.0	4.0	4.2	4.3	4.6
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	139.9	136.2	133.6	131.2	135.2	130.0	125.4	123.5	121.0	120.8	118.3
Malignant neoplasm of buccal cavity and pharynx-----140-148	3.4	3.3	3.3	3.3	3.5	3.5	3.3	3.2	3.2	3.2	3.1
Malignant neoplasm of digestive organs and peritoneum-----150-156A,157-159	55.4	55.5	55.3	55.1	57.9	56.0	54.5	53.5	52.3	52.6	52.2
Malignant neoplasm of respiratory system-----160-164	13.1	12.3	11.5	10.3	9.8	9.0	8.3	7.8	7.3	6.8	6.3
Malignant neoplasm of breast-----170	12.5	12.3	11.8	11.7	12.1	11.6	11.3	11.2	10.9	11.0	10.6
Malignant neoplasm of genital organs-----171-179	23.3	22.8	22.6	22.6	23.4	22.7	21.7	21.3	21.8	21.7	21.3
Malignant neoplasm of urinary organs-----180,181	6.6	6.6	6.4	6.1	6.2	5.9	5.6	5.6	5.7	5.6	5.4
Malignant neoplasm of other and unspecified sites-----156B,165,190-199	24.6	23.4	22.6	22.0	22.3	21.4	20.7	21.1	19.8	19.9	19.4
Leukemia and leukemia hematopoietic tissues-----200-205,204	24.6	23.4	22.6	22.0	22.3	21.4	20.7	21.1	19.8	19.9	19.4
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues-----200-205,204	24.6	23.4	22.6	22.0	22.3	21.4	20.7	21.1	19.8	19.9	19.4
Benign neoplasms and neoplasms of unspecified nature-----210-239	3.9	3.8	4.2	4.5	4.8	5.1	5.1	4.7	4.9	5.2	5.2
Diabetes mellitus-----260	16.9	15.1	14.9	14.1	15.1	15.0	15.4	14.5	14.5	15.1	14.5
Anemias-----290-293	3.0	2.9	3.1	3.2	3.9	3.9	4.3	3.9	3.7	3.8	3.8
Meningitis, except meningococcal and tuberculous-----340	1.4	1.6	1.7	1.8	1.9	2.3	2.4	2.1	2.0	2.1	2.0
Major cardiovascular-renal diseases-----350-354,400-468,592-594	502.5	506.2	507.5	490.5	520.9	509.7	517.6	483.5	475.9	480.8	459.0
Diseases of cardiovascular system-----350-354,400-468	485.0	488.0	488.2	470.5	496.1	486.0	492.2	458.7	450.1	452.9	430.6
Vascular lesions affecting central nervous system-----350-354	100.9	101.8	103.6	101.9	110.6	106.2	107.8	102.3	101.1	102.9	89.6
Rheumatic fever-----400-402	1.6	1.7	1.9	2.1	2.7	3.0	3.0	3.0	3.3	3.5	3.5
Diseases of heart-----410-443	349.1	350.8	348.9	333.1	348.4	341.8	345.0	320.0	314.3	316.0	296.2
Chronic rheumatic heart disease-----400-402	13.8	14.5	15.1	15.3	17.0	17.5	18.4	17.2	18.0	18.9	18.2
Arteriosclerotic heart disease, including coronary disease-----420	335.3	336.3	333.8	317.8	331.4	324.3	326.5	302.8	296.3	297.2	280.0
Nonrheumatic chronic endocarditis and other myocardial degeneration-----421,422	335.3	336.3	333.8	317.8	331.4	324.3	326.5	302.8	296.3	297.2	280.0
Other diseases of heart-----430-434	335.3	336.3	333.8	317.8	331.4	324.3	326.5	302.8	296.3	297.2	280.0
Hypertension with heart disease-----440-443	335.3	336.3	333.8	317.8	331.4	324.3	326.5	302.8	296.3	297.2	280.0
Hypertension without mention of heart-----444-447	8.2	8.7	8.7	8.5	9.2	8.6	8.9	8.3	7.7	6.9	6.2
General arteriosclerosis-----450	20.5	20.1	20.2	20.4	22.5	22.1	23.2	20.8	19.7	19.7	19.4
Other diseases of circulatory system-----451-468	4.7	5.0	4.8	4.5	4.5	4.3	4.4	4.2	4.1	3.9	3.6
Chronic and unspecified nephritis and other renal sclerosis-----592-594	17.5	18.2	19.3	20.1	22.8	23.7	25.4	24.8	25.8	27.9	26.4
Influenza and pneumonia, except pneumonia of newborn-----480-493	30.0	34.2	39.7	40.3	47.0	57.6	62.2	50.5	60.6	65.6	70.8
Influenza-----480-483	3.1	4.3	6.7	7.9	9.7	16.4	16.1	10.2	19.8	19.1	20.5
Pneumonia, except pneumonia of newborn-----490-493	27.0	29.9	32.0	32.5	37.3	41.2	46.1	40.3	40.7	46.5	50.3
Bronchitis-----500-502	2.2	2.2	2.3	2.1	2.2	2.5	2.6	2.5	2.5	2.8	2.7
Ulcer of stomach and duodenum-----540,541	5.3	5.1	5.1	6.0	6.8	5.6	6.0	5.9	5.7	5.8	5.8
Appendicitis-----550-553	2.5	2.6	3.1	3.5	4.7	5.4	5.6	5.7	7.4	9.0	9.9
Hernia and intestinal obstruction-----560,561,570	6.6	7.3	8.0	8.5	9.3	9.6	9.9	9.1	9.2	9.6	10.0
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	6.7	6.1	5.7	5.9	8.8	10.0	9.7	8.9	10.6	10.4	11.7
Cirrhosis of liver-----581	9.2	9.2	8.5	7.9	7.8	7.1	7.6	7.7	7.3	7.0	6.8
Acute nephritis and nephritis with edema, including nephrosis-----590,591	2.4	2.6	2.6	3.1	3.9	4.0	4.2	4.0	4.1	4.5	4.5
Hyperplasia of prostate-----610	4.6	4.7	5.0	5.4	5.7	5.9	6.3	6.1	6.3	6.8	6.7
Deliveries and complications of pregnancy, childbirth, and the puerperium-----640-689	2.2	2.6	3.2	3.4	3.9	4.4	4.9	4.9	5.4	6.1	6.3
Abortion-----650-652	0.3	0.3	0.4	0.5	0.6	0.6	0.8	0.8	0.9	1.1	1.2
All other complications-----640-649,660-689	1.9	2.3	2.8	2.9	3.3	3.7	4.1	4.1	4.5	5.0	5.2
Congenital malformations-----760-769	12.7	12.9	13.8	12.4	11.9	12.3	12.2	11.6	10.2	9.7	9.2
Certain diseases of early infancy-----760-776	43.2	44.4	48.0	46.5	40.5	42.0	43.7	43.7	42.3	41.2	41.0
Birth injuries, postnatal asphyxia, and atelectasis-----760-762	17.2	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Infections of newborn-----763-768	3.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Other diseases peculiar to early infancy, and immaturity unqualified-----769-776	23.0	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Symptoms, senility, and ill-defined conditions-----780-795	15.8	18.6	19.1	19.6	21.8	22.1	25.1	22.2	22.2	25.5	22.2
All other diseases-----Residual	43.9	47.1	50.0	52.8	61.9	65.3	71.3	71.3	74.5	83.9	87.8
Accidents-----E800-E962	60.7	65.6	65.8	66.4	69.5	67.5	69.4	67.6	72.5	69.5	67.0
Motor-vehicle accidents-----E810-E835	21.3	22.1	22.8	23.9	21.2	18.3	17.8	21.2	30.0	26.1	24.7
All other accidents-----E800-E802,E840-E862	39.3	43.5	43.0	42.5	47.2	49.2	51.7	46.5	42.5	43.4	42.2
Suicide-----E965,E970-E979	11.4	11.2	11.6	11.6	11.2	10.0	10.3	12.1	12.9	14.4	14.2
Homicide-----E984,E988-E996	5.4	5.9	6.1	6.4	5.7	5.0	5.1	5.9	6.1	6.3	6.5
Injury resulting from operations of war-----E965,E990-E999	0.0	0	0	0.0	0.1	0.0	0.0	0.2	0.0	0	0.0

¹Based on estimated deaths computed by applying the provisional comparability ratio (table G) to deaths coded by the Fifth Revision.

²Based on deaths coded by the Fifth Revision. No comparability ratio available.

³See table CD on p. LI.

⁴Computed from the difference between total deaths and sum of estimated deaths for specified causes.

NOTE.—For 1940-49, deaths exclude those among armed forces overseas. Rates based on population excluding armed forces overseas.

the Sixth Revision. However, in analyzing changes in mortality during the past decade, and particularly from 1948 to 1949, erroneous conclusions may be reached unless the degree of comparability between the rates is considered.

In 1900, 31 percent of all deaths were assigned to 3 causes: influenza and pneumonia; tuberculosis; and gastritis, duodenitis, enteritis, and colitis. By 1949, only 6.5 percent of all deaths were accounted for by these causes. The death rate for influenza and pneumonia declined from 202.2 per 100,000 population in 1900 to 30.0 in 1949. The decline in the rate has been marked by epidemic rises, the greatest occurring in 1918, when the death rate for this cause rose to 588.5. The decline in the rate has been particularly rapid since 1937, the total percentage decrease in the rate in the last 12 years being greater than in the preceding 38 years.

The death rate for tuberculosis declined from 194.4 per 100,000 population in 1900 to 26.3 in 1949. The almost continuous decline in the tuberculosis death rate was interrupted by a temporary rise in the period 1917 and 1918 which was associated, at least in part, with the influenza pandemic. From a high rate of 149.8 in 1918, there was a sharp decline to 97.6 in 1921, and since then the course of the tuberculosis death rate has been steadily downward.

The most striking reductions have occurred in the death rates for such causes as gastritis, duodenitis, enteritis, and colitis; and typhoid fever. The death rate for gastritis, etc., declined 95 percent from 142.7 per 100,000 population in 1900 to 6.7 in 1949. In the same period the death rate for typhoid fever dropped 99 percent, from 31.3 to 0.1 in 1949.

The decline in the mortality rates for the infectious diseases can be attributed in large measure to advances in public health and medical practice. Since the turn of the century great strides have been made in environmental sanitation, particularly with regard to the protection of milk and water supplies and to the disposal of domestic and industrial wastes; in immunization; in the development of diagnostic aids; and in the surgical and medical treatment of disease. Perhaps the most important contribution to the public health in recent years is the use of sulfonamides and antibiotics in the treatment of infections. These therapeutic agents have been effective, not only in reducing the mortality from pneumonia but also in hastening the decline in the death rates for other causes, such as appendicitis and puerperal septicemia.

The decline in the death rates for the infectious diseases has had a marked effect upon the total crude death rate. But this effect has been partially offset by the increase in the crude rates for such causes as diseases of the heart, malignant neoplasms, and motor-vehicle accidents.

From table XIV it will be seen that the crude death rate for diseases of the heart increased from 137.4 per 100,000 population in 1900 to 349.1 in 1949. In the same period, the crude death rate for malignant neoplasms rose from 64.0 to 138.9.

Several factors have contributed to the rise in the crude death rates for these causes. The prevention of deaths from diseases of infancy and childhood, the decline in the birth rate (before World War II), and the virtual cessation of immigration, have resulted in a population with a larger proportion of persons in the older age groups. This change in the age composition of the population has tended to increase the crude death rates for diseases associated primarily with the older ages. Also, the increase in the proportion of deaths occurring in hospitals and the development of improved diagnostic techniques and facilities have undoubtedly led to an increase in the number of instances in which heart disease, cancer, and certain other conditions are recognized and certified as causes of death.

Changes in the terminology and detail in which causes of death are reported on the death certificate have also affected the trend in the crude death rate for diseases of the heart.

However, a recent study⁴⁸ of mortality trends for heart diseases has shown that, in the age groups where the death rate for heart disease has been increasing, there has been a compensatory decrease in the death rates for associated causes, such as vascular lesions affecting the central nervous system, chronic nephritis, and other diseases of the circulatory system, and that no upward trend is apparent for these causes considered together as a group.

Deaths from motor-vehicle accidents were first tabulated separately for 1906. The death rate for this cause rose rapidly from 0.4 per 100,000 population in 1906 to 30.8 in 1937 and 30.0 in 1941. With gasoline rationing and other wartime restrictions, the rate dropped to 17.8 in 1943. Although the rate rose again after the removal of wartime restrictions on driving, it has remained below the prewar level.

In contrast to the trend in the death rate for motor-vehicle accidents, the death rate for other accidents has declined since the early 1900's. Almost all of the decline occurred in the period between 1913 and 1932. In 1949, the rate was 39.3 per 100,000 population as compared with 80.9 in 1913 and 47.7 in 1932.

Deaths for diabetes mellitus, classified by the Sixth Revision, have declined about 43 percent from deaths for the same period based on the Fifth Revision. Since the International List classification of diabetes has not been changed, all of this difference is the result of the revision in the method of selecting the cause of death to be tabulated. According to the physician's judgment, a death may be due to diabetes; or diabetes may be a contributory cause and not directly connected with the sequence of events leading to death. In the latter case, the death is not assigned to diabetes by the new coding procedure based upon the physician's judgment or opinion. In the former situation, diabetes is coded as the underlying cause of death. Since diabetes is reported as a contributory condition in a large proportion of cases, the new coding procedure results in a significantly fewer number of deaths assigned to diabetes.

The provisional rates recomputed for 1939 through 1948 to be comparable with the Sixth Revision (table BO) suggest that the present level of mortality for diabetes is about the same as it was in the early part of the century (1910-20). However, because of the increasing proportion of death certificates returning two or more causes, that factor must be considered before the direction of the trend can be determined.⁴⁹

Death rates for selected causes of death, by age

The age-specific death rates for all causes are summations of the rates for individual causes of death. As may be seen from table BP, each cause has its characteristic age distribution, and the probability of dying from a specific cause differs with age. In general, the various causes may be grouped in a number of broad categories; infant causes, such as congenital malformations, birth injuries, and postnatal asphyxia and atelectasis; childhood causes, as, for example, whooping cough and measles; causes of the adult years of which tuberculosis is an example; and diseases of the older ages, such as heart disease or cancer.

As a result of the general level of their rates as well as their characteristic age distribution, different causes play a predominant role in the mortality of each age group. In infancy, the major causes of death in 1949 were congenital malformations, influenza and pneumonia, and diseases grouped

⁴⁸Woolsey, Theodore D., and Moriyama, Iwao M., "Statistical Studies of Heart Diseases, II. Important Factors in Heart Disease Mortality Trends," Public Health Reports, vol. 63, No. 39, pp. 1247-1275, September 24, 1948.

⁴⁹See footnote No. 17 on p. XVI.

VITAL STATISTICS OF THE UNITED STATES

TABLE HP.—DEATH RATES FOR 64 SELECTED CAUSES, BY AGE: UNITED STATES, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population in each specified group, excluding armed forces overseas. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1949)

CAUSE OF DEATH	All ages ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
ALL CAUSES	971.7	3,409.7	149.1	63.9	132.1	185.3	378.5	871.3	1,893.5	4,350.3	9,453.8	24,203.9
Tuberculosis, all forms	001-019	26.3	8.5	6.6	1.9	15.0	24.4	32.7	41.6	52.8	65.7	67.5
Tuberculosis of respiratory system	001-008	24.2	3.8	2.1	1.0	13.6	23.0	30.7	39.5	50.1	62.4	64.3
Tuberculosis, other forms	010-019	2.1	4.8	4.5	0.9	1.4	1.4	2.0	2.1	2.7	3.4	3.2
Syphilis and its sequelae	020-029	5.8	9.2	0.1	0.0	0.3	0.9	4.2	11.1	18.3	24.5	24.7
Typhoid fever	040	0.1	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4
Cholera	043	0	0	0	0	0	0	0	0	0	0	0
Dysentery, all forms	045-049	1.0	27.0	1.5	0.1	0.1	0.1	0.3	0.5	0.9	2.0	8.1
Scarlet fever and streptococcal sore throat	050,051	0.3	1.9	0.7	0.3	0.2	0.1	0.2	0.3	0.4	0.9	1.5
Diphtheria	055	0.4	1.3	2.3	0.6	0.0	0.0	0.1	0.2	0.1	0.1	0.3
Whooping cough	056	0.5	18.0	1.5	0.0	0.0	0	0	0.0	0.0	0	0
Meningococcal infections	057	0.6	7.2	2.3	0.5	0.3	0.1	0.2	0.5	0.3	0.4	0.4
Plague	058	0.0	0	0	0.0	0	0	0	0	0	0	0
Acute poliomyelitis	080	1.8	3.8	2.7	3.8	2.6	2.1	0.8	0.3	0.1	0.0	0
Smallpox	084	0.0	0.0	0	0	0	0.0	0	0	0	0	0
Measles	085	0.8	7.8	2.8	0.9	0.2	0.1	0.1	0.0	0.0	0.2	0.3
Typhus and other rickettsial diseases	100-108	0.0	0	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.0	0
Malaria	110-117	0.1	0.5	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.3	0.9
All other infective and parasitic dis.	030-039,041,042,044,049,052-054,059-074,081-083,086-096,120-136	2.6	18.9	2.9	1.1	0.9	1.4	2.0	2.9	3.5	5.4	8.3
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-205	158.9	8.6	10.9	6.1	8.8	19.8	64.5	177.2	381.6	737.5	1,175.1
Malignant neoplasm of buccal cavity and pharynx	140-148	3.4	0	0.1	0.0	0.1	0.2	1.1	4.0	9.6	19.3	32.8
Malignant neoplasm of digestive organs and peritoneum	150-156A,157-159	55.4	0.9	0.3	0.2	0.8	3.5	15.4	55.9	151.6	339.4	580.0
Malignant neoplasm of respiratory system	160-164	13.1	0.1	0.1	0.1	0.3	0.8	5.0	21.6	50.6	68.8	66.1
Malignant neoplasm of breast	170	12.5	0	0	0	0.1	2.1	10.5	25.7	55.3	52.5	76.4
Malignant neoplasm of genital organs	171-179	23.3	0	0.1	0.1	1.0	4.6	15.5	32.7	56.0	114.8	210.2
Malignant neoplasm of urinary organs	180,181	6.6	0.6	1.3	0.3	0.1	0.3	1.7	6.5	18.2	41.0	64.0
Malignant neoplasm of other and unspecified sites	158B,165,180-199	14.2	2.1	3.0	2.0	2.6	3.7	8.5	19.6	35.8	60.3	97.7
Leukemia and leukemias	204	5.5	4.2	5.4	2.6	2.1	2.2	3.0	5.7	11.4	20.7	26.9
Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues	200-203,205	4.9	0.7	0.7	0.8	1.7	2.5	3.9	7.5	13.1	20.4	18.3
Benign neoplasms and neoplasms of unspecified nature	210-239	3.9	4.6	1.2	0.8	1.0	2.0	4.8	7.4	7.9	10.2	14.3
Diabetes mellitus	260	16.9	0.3	0.3	0.5	1.4	2.1	4.0	13.4	45.6	113.7	170.6
Anemia	290-293	3.0	3.7	0.9	0.4	0.5	0.5	0.8	1.6	4.0	15.4	43.1
Mononititis, except meningococcal and tuberculous	340	1.4	22.1	3.3	0.7	0.6	0.4	0.7	1.0	1.2	1.8	1.5
Major cardiovascular-renal diseases	330-334,400-488,592-594	502.5	11.0	4.1	6.4	13.9	33.0	125.1	412.5	1,050.8	2,741.0	6,542.4
Diseases of cardiovascular system	300-334,400-488	485.0	10.3	3.1	5.3	11.2	28.7	116.8	295.5	1,017.5	2,660.7	6,342.9
Vascular lesions affecting central nervous system	330-334	100.9	4.8	0.8	0.5	1.4	4.3	19.8	70.1	190.7	578.8	1,470.6
Rheumatic fever	400-402	1.6	0.5	0.6	2.4	1.8	1.7	2.5	0.7	0.8	0.7	1.2
Diseases of heart	410-443	349.1	3.1	1.5	2.3	7.1	20.2	87.7	309.1	789.3	1,945.7	4,310.3
Chronic rheumatic heart disease	410-416	13.8	...	0.3	1.4	3.3	6.6	13.1	23.3	31.6	46.1	78.6
Arteriosclerotic heart disease, including coronary disease	420	201.3	0.6	0.1	0.1	1.0	6.1	45.8	192.7	512.0	1,192.0	2,304.9
Nonrheumatic chronic endocarditis and other myocardial degeneration	421,422	61.5	...	0.5	0.3	1.0	2.5	9.2	28.6	87.0	305.5	1,014.9
Other diseases of heart	430-434	18.0	2.5	0.7	0.5	1.4	2.6	6.7	16.3	34.9	80.1	175.0
Hypertension with heart disease	440-443	56.4	0	0.0	0.0	0.3	2.4	12.8	48.1	122.9	323.9	738.9
Hypertension without mention of heart	444-447	8.2	0	0.0	0.0	0.2	1.1	3.9	7.7	14.0	36.9	110.9
General arteriosclerosis	450	20.5	0	0	0	0.0	0.1	0.3	2.2	12.2	76.8	409.6
Other diseases of circulatory system	451-468	4.7	1.9	0.2	0.2	0.8	1.3	2.6	5.8	11.5	22.0	40.2
Chronic and unspecified nephritis and other renal sclerosis	582-594	17.5	0.7	1.0	1.0	2.7	4.2	8.3	16.7	33.3	80.2	199.5
Influenza and pneumonia, except pneumonia of newborn	480-493	30.0	279.5	19.6	3.1	3.2	4.3	9.4	18.9	36.5	93.6	267.2
Influenza	480-483	3.1	24.1	1.7	0.4	0.4	0.5	0.8	1.7	3.4	10.2	30.9
Pneumonia, except pneumonia of newborn	490-493	27.0	255.4	17.9	2.7	2.8	3.8	6.6	17.2	33.1	83.4	236.3
Bronchitis	500-502	2.2	20.6	2.7	0.3	0.1	0.2	0.4	1.3	2.7	6.6	20.9
Ulcer of stomach and duodenum	540,541	5.3	1.0	0.0	0.0	0.3	0.9	3.5	8.4	16.3	25.3	31.6
Appendicitis	550-553	2.5	0.6	1.6	1.5	1.3	1.1	1.8	3.1	5.1	8.1	10.4
Hernia and intestinal obstruction	560,561,570	6.6	30.6	1.3	0.4	0.5	1.3	2.6	5.7	12.6	30.4	63.2
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	543,571,572	6.7	175.2	6.5	0.5	0.6	0.8	1.3	2.1	4.2	9.8	24.8
Cirrhosis of liver	581	9.2	1.5	0.2	0.2	0.3	2.2	9.6	18.9	27.8	34.0	38.9
Acute nephritis and nephritis with edema, including nephrosis	590,591	2.4	2.2	1.5	0.9	1.0	1.1	1.8	2.6	4.0	7.9	17.1
Hypertrophy of prostate	610	4.6	0	0	0	0	0.0	0.0	0.6	5.4	26.9	91.6
Deliveries and complications of pregnancy, childbirth, and the puerperium	640-689	2.2	...	...	0.1	4.2	6.0	4.0	0.2	0.0	...	...
Abortion	650-652	0.3	...	...	0.0	0.6	0.8	0.4	0.0	0	...	...
All other complications	640-649,660-689	1.9	...	...	0.1	3.6	5.2	3.6	0.2	0.0	...	...
Congenital malformations	750-759	12.7	443.4	12.1	2.3	1.9	1.7	2.3	2.4	2.4	2.0	1.1
Certain diseases of early infancy	760-776	43.2	1,961.4	0.1	0.0	-	-	-	-	-	-	-
Birth injuries, postnatal asphyxia, and atelectasis	760-762	17.2	761.1	0.0	-	-	-	-	-	-	-	-
Infections of newborn	763-768	3.0	136.7	-	-	-	-	-	-	-	-	-
Other diseases peculiar to early infancy, and immaturity unqualified	769-776	23.0	1,043.6	0.1	0.0	-	-	-	-	-	-	-
Symptoms, senility, and ill-defined conditions	780-795	15.8	116.5	4.0	0.9	1.6	2.4	5.4	10.7	18.8	45.6	145.7
All other diseases	Residual	43.9	108.7	16.7	6.2	8.6	14.1	26.4	47.1	89.6	180.0	313.5
Accidents	800-8962	60.7	114.0	37.8	22.5	51.6	43.5	44.8	52.3	69.5	129.2	344.1
Motor-vehicle accidents	8610-8835	21.3	6.5	11.8	8.8	30.3	21.8	18.3	20.2	26.8	40.6	53.4
All other accidents	8800-8802,8840-8962	39.3	107.6	26.2	13.7	21.3	21.7	26.4	32.0	42.7	88.6	1,290.6
Suicide	8963,8970-8979	11.4	0	0	0.2	4.5	8.9	15.4	20.6	27.1	30.3	30.5
Homicide	8964,8980-8965	5.4	3.9	0.6	0.5	6.6	9.7	9.1	6.6	4.1	3.1	3.5
Injury resulting from operations of war	8965,8990-8999	0.0	0	0	0	0.0	0.0	0.0	0.0	-	-	0.2

¹For complete category title, refer to table XIII.

²Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

as **Certain diseases of early infancy**, which relate particularly to the first 4 weeks of life. In childhood, accidents, and infective and respiratory diseases are the chief hazards. Among young adults, between 15 and 34 years, accidents and tuberculosis are the leading causes of death. At older ages, these are replaced by diseases of the heart, malignant neoplasms, and vascular lesions affecting the central nervous system.

Maternal mortality

Pregnancy is frequently a contributing factor in death. Just as with other causes that contribute to death without always being the underlying cause, when a priority system is used to select the cause to be tabulated from among those reported on the death certificate, the level of the mortality rates depends upon the priority assigned to each cause. Under the joint-cause relationships used with the Fifth Revision, complications of pregnancy took precedence over most other causes reported on the death certificate. Since, according to the rules applied with the Sixth Revision, only deaths in which **Complications of pregnancy** has been indicated as the underlying cause are so tabulated, the level of the maternal mortality rate has dropped considerably. The provisional comparability ratio, shown in table G is 0.91 for this cause. Mortality rates obtained by applying this ratio to frequencies for 1939 through 1948 are shown in table BQ.

TABLE BQ.—ESTIMATED MATERNAL DEATHS AND PROVISIONAL MATERNAL MORTALITY RATES, BASED ON THE SIXTH REVISION: UNITED STATES, 1939-49

(Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Rates per 10,000 live births)

YEAR	Number ¹	Comparable rate
1949 (final)	3,216	9.0
1948	3,757	10.6
1947	4,538	12.3
1946	4,690	14.3
1945	5,156	18.8
1944	5,793	20.7
1943	6,545	22.3
1942	6,605	23.5
1941	7,229	28.8
1940	8,058	34.1
1939	8,305	36.7

¹Estimated deaths computed by applying the provisional comparability ratio (table G) to deaths coded by the Fifth Revision.

At present, provisional comparability ratios are available for maternal mortality for the United States, but not for each State, or by age, and race. The maternal mortality rates shown in tables V and XII for each State have not been corrected for the effect of the Sixth Revision. While comparisons of rates in recent years with that for 1949 cannot be made without allowance for the change in classification and coding procedures, comparisons over a long time period may be made without serious error.

Maternal mortality rates by race are given in table BR for the expanding area of the birth-registration States for the years 1915 to 1949, inclusive. Three main periods may be distinguished in the series of rates for the two race groups combined. In the first period, from 1915 through 1929, excepting the high points recorded for 1918 and 1920, the maternal mortality rate remained at almost the same level. In the second period, the rate declined at an average annual rate of about 3 percent from 69.5 per 10,000 live births in 1929 to 56.8 in 1936. Since then, the maternal mortality rate has declined more rapidly to 9.0 per 10,000 live births in 1949.

Since 1936, the maternal mortality rate for white women has declined faster than that for nonwhite women, so that

there has been a widening of the racial differential in mortality risk associated with childbirth. The maternal mortality rate for the nonwhite races in 1949 was 23.5 per 10,000 live births, a figure more than 3 times as high as the rate for the white race.

The maternal mortality rates by age for 1949, given in table BS, illustrate the variation in the risk of maternal death with age. The maternal mortality rate is high at the two extremes of the childbearing ages and lowest in the age group 20-24 years.

TABLE BR.—MATERNAL MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-49

(Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium per 10,000 live births in each specified group)

YEAR	All races	White	Non-white	YEAR	All races	White	Non-white
1949	9.0	6.8	23.5	1951	86.1	80.1	111.4
1948	11.7	8.9	30.1	1950	67.3	60.9	117.4
1947	15.5	10.9	33.5	1929	69.6	63.1	119.9
1946	15.7	13.1	35.9	1928	69.2	62.7	121.0
1945	20.7	17.2	45.5	1927	64.7	59.4	113.5
1944	22.8	18.9	50.6	1926	65.6	61.9	107.1
1943	24.5	21.1	51.0	1925	64.7	60.3	116.2
1942	25.9	22.2	54.4	1924	65.6	60.7	117.9
1941	31.7	26.6	67.8	1923	66.5	62.6	109.5
1940	37.6	32.0	77.3	1922	66.4	62.8	106.8
1939	40.4	35.3	76.2	1921	68.2	64.4	107.7
1938	43.5	37.7	84.9	1920	79.9	76.0	128.1
1937	48.9	43.6	85.6	1919	75.7	69.6	124.4
1936	56.8	51.2	97.2	1918	91.6	86.9	139.3
1935	58.2	53.1	94.6	1917	66.2	63.2	117.7
1934	59.3	54.4	89.7	1916	62.2	60.6	117.9
1933	61.9	56.4	96.7	1915	60.8	60.1	105.6
1932	63.3	58.1	97.6				

TABLE BS.—MATERNAL DEATH RATES BY AGE OF MOTHER: UNITED STATES, 1949

(Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium. Rates per 10,000 live births in each specified group)

AGE OF MOTHER	Maternal deaths	Rate
TOTAL ¹	3,216	9.0
Under 15 years	16	31.9
15-19 years	348	8.0
20-24 years	531	5.1
25-29 years	709	7.0
30-34 years	692	11.9
35-39 years	562	19.3
40-44 years	263	35.4
45 years and over	32	61.5

¹Figures for age "Not stated" included in the total, but not distributed among the specified age groups.

INFANT MORTALITY STATISTICS

There were 111,531 deaths of infants under 1 year of age registered in the United States in 1949. The corresponding infant mortality rate was 31.3 per 1,000 live births. This is the lowest infant mortality rate that has been recorded for the country in the history of the birth-registration area.

Infant mortality trend

Table BT gives the infant mortality rates for the expanding area of the birth-registration States for the years 1915 to 1949, inclusive. In 1915, when the birth-registration area was established, the infant mortality rate was 99.9 per 1,000 live births. Since then the rate has declined almost continuously to less than a third of its former value.

Table BT also gives infant mortality rates for the white and Negro races and for the other nonwhite races. The infant

mortality rates for both white and Negro infants have declined consistently since 1915 and at approximately the same rate. On the other hand the infant mortality rate for the other non-white races followed a very irregular course until 1933. This last group, however, is quite heterogeneous, including American Indians, Chinese, and Japanese. During the expansion period of the birth-registration area, the addition of new States frequently changed the representation of these race groups in the population of the expanding area. These changes may account for the wide swing in the infant mortality rate for the other nonwhite races between 1916 and 1930.

TABLE BT.—INFANT MORTALITY RATES BY RACE: BIRTH-REGISTRATION STATES, 1915-49
(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births in each specified group)

YEAR	ALL races	White	NONWHITES		
			Total	Negro	Other
1949	31.3	28.9	47.3	46.8	58.1
1948	32.0	29.9	46.5	45.7	65.1
1947	32.2	30.1	48.5	47.7	65.7
1946	33.8	31.8	49.5	48.8	63.4
1945	38.3	35.6	57.0	56.2	74.3
1944	39.8	36.9	60.3	59.3	80.8
1943	40.4	37.5	62.5	61.5	84.6
1942	40.4	37.3	64.8	64.2	74.1
1941	45.3	41.2	74.8	74.1	88.8
1940	47.0	43.2	75.8	72.9	91.0
1939	48.0	44.3	74.2	73.2	97.2
1938	51.0	47.1	79.1	77.9	102.4
1937	54.4	50.3	83.2	82.0	108.9
1936	57.1	52.9	87.6	86.1	120.0
1935	55.7	51.9	83.2	81.9	110.8
1934	60.1	54.5	94.4	91.0	114.5
1933	56.1	52.6	91.3	85.4	127.5
1932	57.6	53.3	88.2	84.1	103.5
1931	61.6	57.4	93.1	92.7	117.8
1930	64.6	60.1	99.9	99.5	141.1
1929	67.6	63.2	102.2	101.5	119.3
1928	68.7	64.0	106.2	105.9	111.8
1927	64.6	60.6	100.1	99.9	103.4
1926	73.3	70.0	111.8	112.1	108.9
1925	71.7	68.3	110.8	112.0	95.6
1924	70.8	66.8	112.9	114.1	95.0
1923	77.1	73.5	117.4	119.9	85.8
1922	76.2	73.2	110.0	111.7	89.9
1921	75.6	72.5	108.5	110.7	78.8
1920	85.8	82.1	131.7	135.6	89.6
1919	86.6	83.0	130.5	134.3	88.2
1918	100.9	97.4	161.2	162.5	126.4
1917	93.8	90.5	148.4	148.6	142.5
1916	101.0	99.0	184.9	184.3	204.8
1915	99.9	98.6	181.2	180.6	196.2

Adjustment of infant mortality rates

The infant mortality rates given in table BT have been computed by the conventional method in which the infant deaths occurring in a specified period are related to the number of live births occurring during the same period. Rates computed in this way are influenced by changes in the number of births and will not be comparable if the birth rate is fluctuating widely. The deaths under 1 year of age occurring during any calendar year are deaths not only of infants born during that year but also of infants born during parts of the previous year. Therefore, if the birth rate is declining rapidly, the infant mortality rate will be too high because deaths for some of the births of the last year are related to a lesser number of births this year. Conversely, if the birth rate is increasing, the infant mortality rate will be too low.

An approximate correction for this error can be made by allocating the deaths of infants occurring during a given

year to the year in which the infants were born and computing the rate in two parts. The deaths of infants born during the given year are related to the number of births for the same year, and the deaths of those born during the previous year are related to the births for that year. The two ratios are then added to obtain the annual rate. Table BU gives the infant mortality rates, adjusted for the changing numbers of births, for the United States from 1934 to 1949. These may be compared with the unadjusted, or conventionally computed rates, shown in table BT. Because of the rising birth rate, the conventional rate for 1947 (32.2 per 1,000 live births) is somewhat low in comparison with the adjusted rate (32.8). On the other hand, as a result of the subsequent decline in the birth rate, the conventional rate for 1948 is somewhat high, 32.0, as compared with the adjusted rate of 31.8; while for 1949, the lack of change in the birth rate is reflected in the small difference between the adjusted and unadjusted infant mortality rates. As may be seen, the errors introduced into the annual rates by changes in the numbers of births are comparatively small and are not sufficient to invalidate the use of unadjusted rates for such purposes as describing the long-term trend of infant mortality. But they may be of significance in the interpretation of changes in mortality risk from one year to the next. For example, between 1948 and 1949 there was an apparent decrease of 2.2 percent in infant mortality, as measured by the conventional rates. If correction is made, however, for the change in the numbers of births, the decrease in infant mortality is found to be 1.3 percent or slightly smaller.

Monthly infant mortality rates, computed by conventional methods, are likewise influenced by changes in the number of births. Seasonal changes alone are sufficient to introduce considerable bias into the monthly rates and serious distortion may be caused by a secular change such as the post-war rise in the birth rate. Approximate correction for this error can be made by allocating the infant deaths occurring during a given month to the month in which the infants were born and relating them to the births for that month.

TABLE BU.—INFANT MORTALITY RATES ADJUSTED FOR CHANGING NUMBERS OF BIRTHS: UNITED STATES, 1934-49

(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births. Adjustment made by allocating infant deaths to year of birth)

YEAR	Adjusted rate	YEAR	Adjusted rate
1949	31.4	1941	45.9
1948	31.8	1940	47.4
1947	32.8	1939	48.0
1946	34.6	1938	51.4
1945	38.1	1937	54.7
1944	39.4	1936	57.1
1943	40.7	1935	55.7
1942	41.2	1934	60.6

Infant mortality by month

Table BW gives infant mortality rates by month for the United States for the 9 years 1941 through 1949. The rates are adjusted for the changing numbers of births and length of month.

The seasonal movement in the infant mortality rates for these years is characterized by comparatively high rates in the winter months, and by low rates in the summer months. In 1949, the infant mortality rates swung from a seasonal high of 34.8 per 1,000 live births in January to a low of 29.3 in September, and then rose to 31.7 in December.

TABLE BW.—INFANT MORTALITY RATES BY MONTH: UNITED STATES, 1941-49

(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live-births, adjusted for changing numbers of births and length of month)

MONTH	1949	1948	1947	1946	1945	1944	1943	1942	1941
TOTAL ¹	31.4	31.8	32.8	34.6	36.1	39.4	40.7	41.2	45.9
January	34.0	36.2	36.7	39.7	41.3	45.7	44.5	47.4	57.4
February	35.7	34.8	35.1	39.5	43.1	40.3	45.8	47.4	52.4
March	32.1	32.2	34.7	36.7	39.8	41.8	44.0	45.3	50.3
April	30.6	31.7	32.8	37.0	36.9	40.9	39.4	42.1	48.2
May	30.7	32.7	31.3	38.1	36.2	39.1	38.1	40.6	45.6
June	30.1	32.2	29.9	36.5	36.5	39.3	38.7	39.9	45.3
July	30.9	29.7	29.1	35.5	34.4	37.3	38.1	40.4	45.8
August	30.9	30.2	29.9	32.4	37.1	37.1	37.8	37.8	42.1
September	29.3	28.7	29.3	31.2	37.2	38.1	36.2	38.3	41.7
October	29.8	31.0	29.6	32.1	35.9	39.7	37.3	38.1	44.3
November	30.7	31.1	31.4	32.7	36.4	37.8	39.8	38.4	44.0
December	31.7	32.7	34.3	35.4	41.1	39.4	44.3	42.2	45.2

¹Annual rate adjusted by allocation of infant deaths to year of birth. Monthly rates adjusted by the Registrar-General's method.

Infant mortality rates for geographic areas

Table BY shows infant mortality rates by race for urban and rural areas of the United States in 1949. These figures are by place of residence.

In 1949, the infant mortality rate was somewhat higher for rural areas than for urban. Within the urban population, an inverse association is also apparent between population size of place and infant mortality. For all races, the infant mortality rate ranged from a high of 34.8 per 1,000 live births for the small urban places of 2,500 to 10,000 population to a low of 28.2 for the large cities with populations of 100,000 or more.

TABLE BY.—DEATHS UNDER 1 YEAR AND INFANT MORTALITY RATES, BY RACE; URBAN AND RURAL: UNITED STATES, 1949

(By place of residence. Exclusive of fetal deaths. Rates per 1,000 live births in each specified group)

AREA	NUMBER			RATE		
	All races	White	Nonwhite	All races	White	Nonwhite
UNITED STATES	111,531	89,007	22,524	31.3	28.9	47.3
Urban	62,997	50,744	12,253	30.1	27.8	46.0
Places of:						
100,000 or more	27,651	21,129	6,522	28.2	25.7	40.7
25,000 to 100,000	12,705	10,475	2,228	29.6	27.3	48.9
10,000 to 25,000	9,374	7,659	1,715	31.1	28.7	53.7
2,500 to 10,000	15,269	11,302	3,967	34.8	32.4	61.7
Rural	48,534	38,263	10,271	33.1	30.4	49.0

The infant mortality rates for each State and geographic division in 1949 are given in table BZ by place of residence. The infant mortality rates for the individual States ranged from 23.1 per 1,000 live births for Connecticut to 65.1 for New Mexico. The infant mortality rates for a quarter of the States were lower than 27.0; the rates for half the States fell within the range of 27.0 to 37.3; while for the remaining 12 States the rates were higher. Although the rates for the individual States within the several geographic divisions varied considerably, in general, the lower rates were in the New England, Middle Atlantic, North Central, and Pacific Divisions and the higher rates in the Mountain, South Central, and South Atlantic.

The comparability of infant mortality statistics for different areas or population groups is limited by certain sources of error. One important source is incomplete registration of infant deaths. Little quantitative information is available as

TABLE BZ.—INFANT MORTALITY RATES BY RACE: UNITED STATES, EACH DIVISION AND STATE, 1949

(By place of residence. Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births in each specified group)

AREA	All races	White	Nonwhite
UNITED STATES	31.3	28.9	47.3
GEOGRAPHIC DIVISIONS			
New England	25.7	25.3	42.4
Middle Atlantic	27.2	25.8	43.0
East North Central	28.1	26.9	41.8
West North Central	27.0	26.1	46.7
South Atlantic	35.8	30.6	48.1
East South Central	40.2	36.5	49.2
West South Central	38.9	36.2	49.7
Mountain	39.1	36.2	95.4
Pacific	26.6	28.9	36.6
NEW ENGLAND			
Maine	32.5	32.4	114.3
New Hampshire	27.9	27.9	80.0
Vermont	32.4	32.3	250.0
Massachusetts	24.5	24.3	38.0
Rhode Island	24.0	23.4	45.0
Connecticut	23.1	22.3	45.7
MIDDLE ATLANTIC			
New York	26.1	25.0	36.3
New Jersey	26.0	23.5	49.2
Pennsylvania	29.2	27.8	47.2
EAST NORTH CENTRAL			
Ohio	28.1	27.0	41.0
Indiana	29.1	29.2	46.6
Illinois	27.4	26.0	40.5
Michigan	28.9	27.8	40.9
Wisconsin	26.5	26.0	59.9
WEST NORTH CENTRAL			
Minnesota	25.6	25.1	69.1
Iowa	25.7	25.5	51.5
Missouri	30.0	28.8	41.8
North Dakota	30.7	29.3	94.3
South Dakota	26.0	24.1	70.3
Nebraska	24.1	23.6	46.0
Kansas	25.9	25.4	36.3
SOUTH ATLANTIC			
Delaware	30.4	26.7	46.2
Maryland	30.5	26.5	45.0
District of Columbia	29.1	28.1	30.4
Virginia	38.1	35.7	55.5
West Virginia	39.6	36.0	46.0
North Carolina	38.1	30.2	54.2
South Carolina	39.0	29.5	50.2
Georgia	33.3	28.8	41.0
Florida	33.8	27.6	49.9
EAST SOUTH CENTRAL			
Kentucky	41.2	39.9	59.0
Tennessee	40.2	37.8	50.7
Alabama	39.6	32.6	51.0
Mississippi	39.6	31.7	45.8
WEST SOUTH CENTRAL			
Arkansas	33.7	31.7	39.8
Louisiana	37.2	27.2	52.3
Oklahoma	30.8	29.3	50.8
Texas	42.7	41.4	50.8
MOUNTAIN			
Montana	29.7	27.4	71.6
Idaho	27.0	26.3	73.3
Wyoming	37.4	35.7	105.6
Colorado	35.1	34.9	42.3
New Mexico	65.1	61.0	119.8
Arizona	51.0	41.3	112.9
Utah	25.3	24.7	68.6
Nevada	32.1	31.0	45.0
PACIFIC			
Washington	27.1	28.0	56.1
Oregon	24.6	24.0	55.1
California	26.8	26.2	34.0

to the extent of underregistration, but it is known to vary by State and, in general, to be greater in rural than in urban areas, and also greater for the nonwhite than for the white population. Misstatements of usual residence also enter into the statistics owing to a tendency on the part of some rural residents to give the neighboring urban center as the usual

place of residence. Such errors probably have little effect on figures for a State, but may seriously affect data classified by population size of place, causing an overstatement of the number of resident deaths for cities, especially the smaller cities, and an understatement for the surrounding rural areas. Since these considerations apply also to natality data, the error is more or less compensated in the infant mortality rate or ratio of infant deaths to live births. It may be assumed, however, that the rate is affected to some extent, since it is unlikely that the relative error would be exactly the same for both infant deaths and live births.

Infant mortality by age, race, and sex

In recent years, infant mortality has become increasingly a problem of mortality in the first 4 weeks of life. In recognition of the change in emphasis needed in further reducing infant mortality, the World Health Organization⁵⁰ recommended a more detailed classification of age for the tabulation of infant deaths than has been in use in this country in the past. Beginning with 1949, the recommended age groups are shown with comparable figures for previous years as far as possible. The new classes are single days during the first week of life, by week during the next 3 weeks, and by month thereafter until the end of the first year. In place of the interval "under 1 month" used in previous years, the period "under 28 days" is now being used. Data for past years have not been corrected to agree with this interval because there are few deaths in the 28th, 29th, and 30th days of life.

Table CA gives infant mortality rates by age for the birth-registration States for every fifth year beginning with 1915 and for each year from 1946 through 1949. Since 1915, when the birth-registration area was established, the total infant mortality rate has declined 69 percent. All age groups have shared in this reduction but in differing degrees. Mortality

has declined much more rapidly among infants surviving the first few days of life than it has among the newborn. Since 1915, the mortality rates for infants past the first week of life have declined by amounts varying from 75 percent for infants 7-13 days of age to 88 percent for infants 9-11 months old. In contrast, the mortality rates for infants under 1 week have declined by smaller amounts varying from 30 percent for infants under 1 day to 60 percent for infants in the age group 3-6 days. Consequently deaths in early infancy have come to form an increasing proportion of total infant mortality. Since 1915, the proportion of infant deaths occurring under 1 week of age has nearly doubled, increasing from 30 to 58 percent.

The distribution of infant mortality by age, race, and sex in 1949 is shown in table CB. The mortality among nonwhite infants is much higher than that among white infants, the relative differences being greater after the first few days of life than in the period immediately following birth. The infant mortality rate for all nonwhite infants under 1 year was 47.3 per 1,000 live births as compared with 28.9 for white infants.

The infant mortality among males is also considerably higher than that among females. In 1949, the mortality rate for all males under 1 year, was 35.1 per 1,000 live births, while the rate for female infants was 27.3. The sex difference in infant mortality is relatively greater in the first few months of life than in later infancy.

From inspection of the rates by age, it is apparent that mortality among infants is much higher in the first day of life than in any succeeding age group. The mortality of infants under 1 day of age was a third of the total infant mortality in 1949.

TABLE CB.—INFANT MORTALITY RATES BY DETAILED AGE, RACE, AND SEX: UNITED STATES, 1949

(Exclusive of fetal deaths. Rates per 1,000 live births in each specified group)

AGE	ALL RACES			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
UNDER 1 YEAR—	31.3	35.1	27.3	28.9	32.5	25.0	47.3	52.5	42.0
Under 1 day—	10.5	11.9	9.0	10.1	11.5	8.6	12.6	14.3	11.3
1 day—	3.1	3.6	2.6	3.0	3.5	2.5	3.6	4.4	3.2
2 days—	2.1	2.5	1.7	2.0	2.4	1.6	3.4	2.7	2.0
3 days—	1.1	1.3	0.9	1.1	1.3	0.8	1.4	1.7	1.2
4 days—	0.7	0.7	0.5	0.6	0.7	0.5	1.0	1.2	0.8
5 days—	0.5	0.6	0.4	0.5	0.5	0.4	0.6	1.0	0.7
6 days—	0.4	0.4	0.3	0.3	0.4	0.3	0.6	0.7	0.6
7-13 days—	1.5	1.7	1.4	1.4	1.5	1.2	2.7	2.9	2.5
14-20 days—	0.9	1.0	0.8	0.8	0.9	0.7	1.6	1.9	1.6
21-27 days—	0.7	0.7	0.6	0.6	0.6	0.5	1.3	1.4	1.2
Under 28 days—	21.4	24.5	18.3	20.3	23.3	17.2	28.6	32.1	25.0
28-59 days—	2.1	2.4	1.6	1.8	2.0	1.5	4.2	4.7	3.6
2 months—	1.6	1.8	1.4	1.4	1.5	1.2	3.0	3.4	2.7
3 months—	1.3	1.4	1.3	1.2	1.2	1.1	2.5	2.6	2.4
4 months—	1.1	1.1	1.0	0.9	1.0	0.8	2.1	2.2	1.9
5 months—	0.9	0.9	0.8	0.7	0.8	0.7	1.8	1.8	1.7
6 months—	0.7	0.8	0.7	0.6	0.6	0.6	1.4	1.5	1.3
7 months—	0.6	0.6	0.5	0.5	0.5	0.5	1.0	1.1	0.9
8 months—	0.5	0.5	0.5	0.4	0.4	0.5	0.9	1.0	0.9
9 months—	0.4	0.4	0.4	0.4	0.4	0.3	0.8	0.8	0.7
10 months—	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.7	0.5
11 months—	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.6	0.4

However, these rates, computed for unequal age intervals, are better adapted for showing the proportionate distribution of infant mortality by age than the differences in the risk of mortality with age. A more comparable measure of the risk of mortality among infants of various ages is provided by the rates shown in table CC. These rates have been adjusted to an annual basis so that the rate for a particular age group is the number of infants per 1,000 who would die in a year if

TABLE CA.—INFANT MORTALITY RATES BY AGE: BIRTH-REGISTRATION STATES FOR SELECTED YEARS

(Exclusive of fetal deaths. Rates per 1,000 live births)

AGE	1949	1948	1947	1946	1945	1940	1935	1930	1925	1920	1915
UNDER 1 YEAR—	31.3	32.0	32.2	33.6	38.3	47.0	55.7	64.6	71.7	85.8	99.9
Under 1 day—	10.5	10.7	10.7	11.4	11.2	13.9	15.0	15.0	15.0	14.8	15.0
1 day—	3.1	3.4	3.4	3.5	3.3	3.5	3.7	4.2	4.2	4.6	4.9
2 days—	2.1	2.1	2.1	2.2	2.1	2.2	2.4	2.9	3.2	3.4	3.5
3 days—	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
4 days—	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
5 days—	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
6 days—	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
7-13 days—	1.5	1.6	1.7	1.9	2.1	2.4	3.1	3.9	4.4	5.4	6.0
14-20 days—	0.9	0.9	1.0	1.1	1.3	1.6	2.0	2.5	2.9	3.8	4.6
21-27 days—	0.7	0.8	0.9	0.9	1.2	1.4	1.8	2.1	2.3	3.1	3.7
Under 28 days—	21.4	22.2	22.8	24.0	24.3	28.8	32.4	35.7	37.8	41.5	44.4
28-59 days—	2.1	2.0	2.0	2.2	2.8	3.5	4.4	5.3	5.8	7.3	9.0
2 months—	1.6	1.6	1.6	1.6	2.2	2.9	3.5	4.2	4.6	5.7	7.6
3 months—	1.3	1.3	1.3	1.3	1.8	2.4	2.9	3.5	4.0	5.0	6.6
4 months—	1.1	1.1	1.0	1.0	1.4	1.9	2.3	2.8	3.4	4.3	5.7
5 months—	0.9	0.9	0.8	0.8	1.2	1.6	2.0	2.4	2.9	3.6	4.7
6 months—	0.7	0.7	0.7	0.7	1.1	1.4	1.8	2.3	2.7	3.4	4.4
7 months—	0.6	0.6	0.5	0.5	0.9	1.2	1.6	2.0	2.5	3.1	4.0
8 months—	0.5	0.5	0.5	0.5	0.8	1.0	1.4	1.8	2.3	2.8	3.6
9 months—	0.4	0.4	0.4	0.4	0.6	0.9	1.3	1.7	2.1	2.6	3.3
10 months—	0.4	0.4	0.3	0.4	0.5	0.8	1.1	1.5	1.9	2.3	2.9
11 months—	0.3	0.3	0.3	0.3	0.5	0.7	1.1	1.4	1.8	2.2	2.8

⁵⁰World Health Organization Regulations No. 1 (1948) Regarding Nomenclature (including the compilation and publication of statistics) With Respect to Diseases and Causes of Death, Article 8.

they were exposed throughout that period to the mortality prevailing in that age group.⁵¹ The rates in excess of 1,000 seen for the two youngest age groups indicate that if the rate of dying in these two groups were to continue, no infants would survive the first 365 days of life.

⁵¹For a discussion of the importance of this adjustment, see Collins, Selwyn D., "Illness Among Infants With Comparative Mortality Data," Public Health Reports, vol. 63, No. 20, pp. 637-662, May 14, 1948.

TABLE CC.—INFANT MORTALITY RATES BY DETAILED AGE, ADJUSTED TO AN ANNUAL BASIS: UNITED STATES, 1949

(Exclusive of fetal deaths. Rates per 1,000 live births)

AGE	Rate adjusted to an annual basis	AGE	Rate adjusted to an annual basis
UNDER 1 year-----	51.3	Under 28 days-----	279.5
Under 1 day-----	5,820.6	29-59 days-----	28.4
1 day-----	1,143.5	2 months-----	19.2
2 days-----	757.4	3 months-----	15.2
3 days-----	405.3	4 months-----	12.8
4 days-----	257.9	5 months-----	10.6
5 days-----	182.5	6 months-----	8.5
6 days-----	155.8	7 months-----	7.0
7-13 days-----	80.1	8 months-----	6.2
14-20 days-----	48.8	9 months-----	4.9
21-27 days-----	34.5	10 months-----	4.2
		11 months-----	3.8

Infant mortality by cause of death

In keeping with the increasing relative importance of deaths in the first 4 weeks of life, the Sixth Revision of the International Lists, first used in the United States in 1949, provides a more detailed classification of causes of death in this period. One of the innovations in the Sixth Revision is the classification of immaturity (or prematurity). It is now an axis of secondary classification within the cause group Certain diseases of early infancy. Since the various specific morbid conditions under Certain diseases of early infancy are now further categorized as to whether or not there was mention of immaturity, it is possible to assess how immaturity was associated with the various causes of death in infancy. The Sixth Revision provides for a residual category of immaturity, but statistics on prematurity by itself are no longer available.

The Sixth Revision has also introduced a category for Diarrhea of the newborn (under 28 days), and Pneumonia of the newborn (under 28 days), both parts of the group, Certain diseases of early infancy. As a consequence of all these changes, it is difficult to compare past data with that for 1949 without making extensive adjustments for comparability. Table CD has been constructed by applying the comparability ratios shown in table H to the number of deaths assigned to each corresponding cause during the past decade. Because of changes in the distribution of deaths by cause from year to year, when the provisional comparability ratios derived

TABLE CD.—PROVISIONAL INFANT MORTALITY RATES, BASED ON THE SIXTH REVISION, FOR SELECTED CAUSES OF DEATH: UNITED STATES, 1939-49

(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	1949 (final)	COMPARABLE RATES BASED ON THE SIXTH REVISION OF THE INTERNATIONAL LISTS (PROVISIONAL) ¹									
		1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
ALL CAUSES-----	31.3	32.0	32.2	33.8	38.3	39.8	40.4	40.4	45.3	47.0	48.0
Tuberculosis, all forms-----001-019	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2
Syphilis and its sequelae-----020-029	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.3	0.4	0.5	0.6
Dysentery, all forms-----045-048	0.2	0.2	0.1	0.2	0.3	0.4	0.4	0.3	0.5	0.5	0.5
Whooping cough-----056	0.1	0.2	0.4	0.3	0.5	0.5	0.8	0.6	1.0	0.9	0.9
All other infective and parasitic diseases-----030-044,049-055,057-138	0.4	0.3	0.3	0.4	0.4	0.6	0.5	0.5	0.7	0.5	0.7
Diseases of thymus gland-----273	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5
Meningitis, except meningococcal and tuberculous-----340	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
Influenza and pneumonia, except pneumonia of newborn-----480-493	2.6	2.7	2.5	2.8	4.1	4.4	4.9	4.4	5.3	6.0	5.7
Influenza-----480-483	0.2	0.3	0.3	0.4	0.7	0.8	0.9	0.7	1.3	1.2	1.1
Pneumonia, except pneumonia of newborn-----490-493	2.3	2.4	2.2	2.4	3.4	3.6	4.0	3.9	4.0	4.8	4.6
Herpes and intestinal obstruction-----560,561,570	0.3	0.3	0.4	0.3	0.4	0.5	0.5	0.5	0.7	0.8	0.8
Gastroitis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	1.6	1.3	1.0	1.1	2.2	2.4	2.2	2.0	2.8	2.7	3.1
Congenital malformations-----750-759	4.1	4.2	4.4	4.3	4.7	4.8	4.7	4.6	4.5	4.4	4.4
Congenital malformations of circulatory system-----754	1.8	2.0	2.0	2.0	2.2	2.3	2.2	2.1	2.1	2.1	2.1
All other congenital malformations-----750-753,755-759	2.3	2.3	2.3	2.3	2.5	2.6	2.5	2.5	2.4	2.4	2.3
Certain diseases of early infancy-----760-776	18.0	18.4	18.6	19.8	19.6	19.9	19.9	20.8	22.4	23.0	23.7
Birth injuries-----760,761	3.5	3.3	3.4	3.4	3.4	3.5	3.6	3.9	4.1	4.3	4.3
Intracranial and spinal injury at birth-----760	1.6	1.6	1.7	1.7	1.7	1.7	1.8	2.0	2.2	2.3	2.4
Other birth injury-----761	1.9	1.7	1.6	1.7	1.8	1.8	1.8	1.9	1.9	2.0	1.9
Fetal asphyxia and atelectasis-----762	3.7	3.9	4.0	4.1	4.0	4.0	4.0	4.0	4.3	4.3	4.5
Pneumonia of newborn-----763	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1
Diarrhea of newborn-----764	0.3	0.3	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Other infections of newborn-----765-769	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Other specified diseases of early infancy-----769-771	1.3	1.3	1.4	1.5	1.5	1.5	1.5	1.4	1.6	1.6	1.6
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment-----772,773	1.3	1.5	1.5	1.7	2.0	2.1	2.2	2.3	2.6	2.7	2.8
Immaturity with mention of any other subsidiary condition-----774	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Immaturity unqualified-----776	6.6	6.9	6.9	7.5	7.2	7.4	7.3	7.7	8.3	8.5	8.9
Symptoms and ill-defined conditions-----780-795	1.1	1.1	1.2	1.3	1.7	1.6	1.6	1.9	2.3	2.5	2.6
All other diseases-----Residual	1.3	1.5	1.4	1.4	1.9	1.9	2.0	1.9	2.2	2.5	2.6
Accidents-----E800-E862	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.0
Inhalation and ingestion of food or other object causing obstruction or suffocation-----E821,E822	0.3	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.1
Accidental mechanical suffocation in bed and cradle-----E824	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3
All other accidental causes-----E800-E820,E823,E825-E826	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Homicide-----E864,E880-E899	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0

¹Based on estimated deaths under 1 year computed by applying the provisional comparability ratio (table H) to deaths under 1 year coded by the Fifth Revision.

²Computed from deaths assigned to Intestinal obstruction only, Fifth Revision number 122b.

³Computed from the difference between total deaths under 1 year and the sum of estimated deaths under 1 year for specified causes.

⁴Based on deaths coded by the Fifth Revision. No comparability ratio available.

from 1949-50 data are applied to data for other years, the sum of the frequencies obtained does not equal the number of deaths under 1 year of age for that year. Since the latter figure cannot change, the total for each year was balanced by increasing or reducing the number of deaths assigned to the residual group. With one exception, the computational procedures described in detail in another report⁵² have been followed in constructing table CD. The group total for Certain diseases of early infancy has been computed independently rather than as a sum of its subdivisions.

Table CD shows the sharp decline between 1939 and 1949 in the mortality from influenza and pneumonia; gastritis, duodenitis, enteritis, and colitis; and from other infectious diseases; the slower decline in mortality from the diseases of early infancy; and the relatively small change in the infant mortality rate for congenital malformations.

The causes of death that characterize the neonatal period are shown in table CE. Under the Sixth Revision of the In-

⁵²See footnote No. 18 on p. XVI.

TABLE CE.—NEONATAL MORTALITY RATES FOR SELECTED CAUSES: UNITED STATES, 1949

(Exclusive of fetal deaths. Rates per 1,000 live births. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	UNDER 28 DAYS		
	Total	Without mention of immaturity	With immaturity
Certain diseases of early infancy-----760-776	17.3	...	...
Birth injuries-----760,761	3.4	1.8	1.6
Intracranial and spinal injury at birth-----760	1.5	1.1	0.4
Other birth injury-----761	1.9	0.7	1.2
Postnatal asphyxia and atelectasis-----762	3.6	1.4	2.3
Pneumonia of newborn-----765	0.8	0.6	0.3
Diarrhea of newborn-----764	0.3	0.2	0.1
Other infections of newborn-----765-768	0.1	0.1	0.0
Neonatal disorders arising from maternal toxemia-----769	0.3	0.1	0.2
Hemolytic disease of newborn (erythroblastosis)-----770	0.7	0.5	0.1
Hemorrhagic disease of newborn-----771	0.3	0.2	0.1
Ill-defined diseases peculiar to early infancy, including nutritional readjustment-----772,773	0.9	0.3	0.7
Immaturity with mention of any other subsidiary condition-----774	0.2	...	0.2
Immaturity unqualified-----776	6.5	...	6.5

ternational Lists, these causes have been further classified according to whether or not immaturity⁵³ of the infant was reported on the death certificate. It may be seen from the table, that for more than one-third of the deaths assigned to Certain diseases of early infancy immaturity with no other specified cause is reported on the death certificate. When both this condition and the cause of death are given, the proportion of deaths reported with immaturity is found to vary considerably by cause. For example, 64 percent of neonatal deaths assigned to postnatal asphyxia and atelectasis are reported with immaturity, while less than half the deaths from birth injuries are so reported.

Besides the diseases of early infancy (under 28 days), the most important causes of deaths under 1 year are influenza and pneumonia; gastritis, duodenitis, enteritis, and colitis; congenital malformations; and accidents. The rates for these causes are shown by age in table CF. Nearly all deaths from the diseases of early infancy occur in the first 4 weeks of life, while only about 60 percent of the deaths from congenital malformations occur in the same period. On the other hand, deaths from influenza and pneumonia; gastritis, duodenitis, enteritis, and colitis; and accidents are more frequent in later infancy.

DEATHS IN INSTITUTIONS

A total of 49.5 percent of the deaths registered in the United States in 1949 was reported as occurring in hospitals or institutions. In 1937, when annual data of this type first became available, 36.7 percent of all deaths were reported as occurring in institutions. Since then the proportion of deaths occurring in hospitals and institutions has increased steadily (table CG).

The term institution as used here includes all types of hospitals, sanatoria, and nursing and convalescent homes. It also includes other institutions, such as homes for the aged,

⁵³An immature infant is defined as a liveborn infant with a birth weight of 5½ pounds (2,500 grams) or less, or specified as immature. If weight is not specified, a liveborn infant with a period of gestation of less than 37 weeks or specified as "premature" may be considered the equivalent of an immature infant.

TABLE CF.—INFANT MORTALITY RATES FOR SELECTED CAUSES, BY AGE: UNITED STATES, 1949

(Exclusive of fetal deaths. Rates per 1,000 live births. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	Total deaths under 1 year	UNDER 28 DAYS			28 DAYS-11 MONTHS			
		Total	Under 1 day	1-6 days	7-27 days	Total	28 days-5 months	6-11 months
ALL CAUSES-----	31.3	21.4	10.5	7.8	3.1	9.9	7.0	2.9
Influenza and pneumonia, except pneumonia of newborn-----480-485	2.6	0.0	0	0.0	0.0	2.5	1.8	0.7
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	1.6	0.0	0.0	0.0	0.0	1.6	1.1	0.5
Congenital malformations-----750-759	4.1	2.6	0.9	1.0	0.7	1.4	1.1	0.4
Birth injuries-----760,761	3.5	3.4	2.0	1.3	0.1	0.0	0.0	0.0
Postnatal asphyxia and atelectasis-----762	3.7	3.6	1.9	1.6	0.2	0.1	0.1	0.0
Pneumonia of newborn-----765	0.8	0.6	0.1	0.3	0.5	0.0	...	...
Diarrhea of newborn-----764	0.5	0.3	0.0	0.0	0.5	0.0	0.0	0.0
Hemolytic disease of newborn (erythroblastosis)-----770	0.7	0.7	0.3	0.4	0.1	0.0	0.0	0.0
Immaturity unqualified-----776	6.6	6.5	4.1	2.0	0.4	0.1	0.1	0.0
Accidents-----E800-E862	1.0	0.2	0.0	0.1	0.1	0.8	0.6	0.2

schools and colleges, penal establishments, and mental institutions.

Table CH shows the number of deaths in 1949 occurring in institutions according to type of service of the institution. For the most part, deaths classified as occurring in institutions take place in general hospitals. Of the total number of deaths in 1949, 39.5 percent occurred in general hospitals, 2.0 percent in other hospitals, 3.2 percent in mental institutions, and 4.8 percent in other types of institutions. The remaining 50.5 percent occurred outside a hospital or institution. In a small percentage of the cases, the type of service of the institution in which death occurred was not stated.

TABLE CG.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES, 1937-49
(Exclusive of fetal deaths)

YEAR	Total	In institutions	Not in institutions
1949	100.0	49.5	50.5
1948	100.0	48.1	51.9
1947	100.0	47.2	52.8
1946	100.0	46.9	53.1
1945	100.0	46.3	53.7
1944	100.0	45.4	54.6
1943	100.0	44.1	55.9
1942	100.0	42.3	57.7
1941	100.0	40.8	59.2
1940	100.0	39.0	61.0
1939	100.0	37.7	62.3
1938	100.0	37.0	63.0
1937	100.0	36.7	63.3

NOTE.—Data for 1940-49 exclude deaths among armed forces overseas.

TABLE CH.—NUMBER AND PERCENTAGE DISTRIBUTION OF DEATHS IN INSTITUTIONS, BY TYPE OF INSTITUTION: UNITED STATES, 1949
(Exclusive of fetal deaths and of deaths among armed forces overseas)

TYPE OF INSTITUTION	Number of deaths	Percent of total deaths
TOTAL	1,443,607	100.0
Not in institutions	726,797	50.5
In institutions	716,810	49.5
TYPE OF SERVICE:		
General hospitals	569,867	39.5
Maternity hospitals	2,249	0.2
Children's hospitals	3,776	0.3
Tuberculosis hospitals	13,627	0.9
Special and other hospitals (except mental)	8,626	0.6
Mental institutions	45,637	3.2
Convalescent, etc., homes	22,783	1.6
Other institutions	41,841	2.9
Not stated	6,404	0.4

Table CJ shows, for each State, the proportion of the deaths among its residents which occurred in hospitals or institutions in 1949. The proportion ranged from 30.2 percent for residents of Mississippi to 61.3 percent for residents of Washington and 62.3 for the District of Columbia. In general, the proportion was low for residents of Southern States and comparatively high for those of the Mountain and Pacific States.

TABLE CJ.—PERCENT OF DEATHS OCCURRING IN INSTITUTIONS: UNITED STATES, EACH DIVISION AND STATE, 1949

(By place of residence. Exclusive of fetal deaths and of deaths among armed forces overseas)

AREA	Total	In institutions	Not in institutions
UNITED STATES	100.0	49.5	50.5
GEOGRAPHIC DIVISIONS			
New England	100.0	52.2	47.8
Middle Atlantic	100.0	53.2	46.8
East North Central	100.0	51.5	48.5
West North Central	100.0	50.7	49.3
South Atlantic	100.0	42.5	57.5
East South Central	100.0	34.6	65.4
West South Central	100.0	42.8	57.2
Mountain	100.0	55.2	44.8
Pacific	100.0	59.5	40.5
NEW ENGLAND			
Maine	100.0	45.1	54.9
New Hampshire	100.0	46.0	54.0
Vermont	100.0	47.0	53.0
Massachusetts	100.0	52.9	47.1
Rhode Island	100.0	49.2	50.8
Connecticut	100.0	56.1	43.9
MIDDLE ATLANTIC			
New York	100.0	56.8	43.2
New Jersey	100.0	51.9	48.1
Pennsylvania	100.0	46.7	53.3
EAST NORTH CENTRAL			
Ohio	100.0	48.1	51.9
Indiana	100.0	44.8	55.2
Illinois	100.0	55.1	44.9
Michigan	100.0	53.0	47.0
Wisconsin	100.0	54.9	45.1
WEST NORTH CENTRAL			
Minnesota	100.0	56.2	43.8
Iowa	100.0	49.6	50.4
Missouri	100.0	47.4	52.6
North Dakota	100.0	57.7	42.3
South Dakota	100.0	54.0	46.0
Nebraska	100.0	50.7	49.3
Kansas	100.0	49.2	50.8
SOUTH ATLANTIC			
Delaware	100.0	50.4	49.6
Maryland	100.0	48.3	51.7
District of Columbia	100.0	62.3	37.7
Virginia	100.0	40.5	59.5
West Virginia	100.0	42.0	58.0
North Carolina	100.0	39.4	60.6
South Carolina	100.0	37.3	62.7
Georgia	100.0	36.3	63.7
Florida	100.0	47.2	52.8
EAST SOUTH CENTRAL			
Kentucky	100.0	36.3	63.7
Tennessee	100.0	37.0	63.0
Alabama	100.0	33.5	66.5
Mississippi	100.0	30.2	69.8
WEST SOUTH CENTRAL			
Arkansas	100.0	35.6	64.4
Louisiana	100.0	43.6	56.4
Oklahoma	100.0	43.8	56.2
Texas	100.0	44.0	56.0
MOUNTAIN			
Montana	100.0	59.7	40.3
Idaho	100.0	53.5	46.5
Wyoming	100.0	60.2	39.8
Colorado	100.0	58.0	42.0
New Mexico	100.0	44.5	55.5
Arizona	100.0	57.8	42.2
Utah	100.0	49.3	50.7
Nevada	100.0	60.1	39.9
PACIFIC			
Washington	100.0	61.3	38.7
Oregon	100.0	55.2	44.8
California	100.0	56.3	43.7

LIFE TABLES

The rates of mortality during a specific period may be summarized by the life table method to obtain measures of comparative longevity. The basis of these measures is a closed cohort for each of the population groups under examination which is assumed to be subject throughout life to the mortality rates of that period. For example, table CK presents life tables separately for whites and nonwhites by sex, each of the four tables showing the progress of a cohort starting with 100,000 live births and subject throughout life to the mortality rates of the year 1949.

The most usual measure of the comparative longevity of different populations is the average duration of life, also called the expectation of life at birth. This is the average number of years lived by the members of the life table cohort. In table CK, the average duration of life appears, in each case, opposite age 0 in the column which gives the average remaining lifetime. These values indicate that females, on the av-

erage, live longer than males, and white persons longer than nonwhites.

There is, however, some objection to the use of the average duration of life as a standard of comparison because the method of calculating it gives great weight to the relatively large number of deaths occurring in the first year of life. This influence may be entirely eliminated by considering instead the average lifetime remaining to those members of the cohort surviving to age 1, or, in other words, the expectation of life at age 1. As a result of this change the differences between these various groups are somewhat reduced; however, white females still live, on the average, 5.2 years longer than white males, and 7.6 years longer than nonwhite females, while white males live 6.3 years longer than nonwhite males.

Another possible standard for comparing the longevity of different populations is provided by the median length of life, or "probable lifetime," which is the age at which half of the original members of the cohort have died. When the life table

TABLE CK.—ABRIDGED LIFE TABLES FOR FOUR RACE-SEX GROUPS IN THE UNITED STATES, 1949

AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME	AGE INTERVAL	PROPORTION DYING	OF 100,000 BORN ALIVE		STATIONARY POPULATION		AVERAGE REMAINING LIFETIME
		Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval			Number living at beginning of age interval	Number dying during age interval	In the age interval	In this and all subsequent age intervals	Average number of years of life remaining at beginning of age interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(1)	(2)	(3)	(4)	(5)	(6)	(7)
x to $x+n$	n^q_x	l_x	n^d_x	n^l_x	T_x	e_x	x to $x+n$	n^q_x	l_x	n^d_x	n^l_x	T_x	e_x
WHITE MALES							NONWHITE MALES						
0-1	0.0325	100,000	3,250	97,162	6,587,888	65.9	0-1	0.0531	100,000	5,310	95,603	5,357,209	58.6
1-5	.0060	96,750	581	385,259	6,490,726	67.1	1-5	.0108	94,690	1,023	375,414	5,761,606	60.8
5-10	.0037	96,169	356	479,059	6,105,467	63.5	5-10	.0045	95,667	422	487,056	5,396,192	57.5
10-15	.0037	95,813	355	478,235	5,625,608	58.7	10-15	.0051	95,245	476	485,054	4,919,136	52.8
15-20	.0066	95,458	630	475,949	5,147,373	53.9	15-20	.0114	92,769	1,058	461,584	4,454,062	48.0
20-25	.0085	94,828	806	472,162	4,671,525	49.3	20-25	.0172	91,711	1,577	454,849	3,992,698	45.5
25-30	.0086	94,022	809	468,144	4,199,343	44.7	25-30	.0220	90,134	1,963	445,819	3,537,849	39.3
30-35	.0104	93,213	969	463,772	3,731,199	40.0	30-35	.0272	88,151	2,398	434,864	3,092,030	35.1
35-40	.0157	92,244	1,448	457,938	3,267,427	35.4	35-40	.0389	85,753	3,422	420,361	2,657,166	31.0
40-45	.0244	90,796	2,215	448,937	2,809,539	30.9	40-45	.0561	82,331	4,619	400,332	2,236,805	27.2
45-50	.0384	88,581	3,402	434,973	2,360,752	26.7	45-50	.0801	77,712	6,225	373,341	1,836,473	23.6
50-55	.0605	85,179	5,153	413,769	1,925,779	22.8	50-55	.1119	71,487	7,999	337,721	1,465,132	20.5
55-60	.0893	80,026	7,146	383,167	1,511,990	18.9	55-60	.1489	63,488	9,326	294,278	1,125,411	17.7
60-65	.1318	72,880	9,606	341,297	1,128,823	15.5	60-65	.1786	54,162	9,673	246,618	831,133	15.3
65-70	.1949	65,274	12,352	286,431	787,526	12.4	65-70	.2561	44,489	11,384	193,898	584,515	13.1
70-75	.2708	50,942	13,795	220,813	501,095	9.8	70-75	.2830	33,085	9,388	141,988	390,817	11.8
75-80	.3701	37,147	13,748	150,832	280,282	7.5	75-80	.3315	23,729	7,866	96,849	248,631	10.5
80-85	.4948	23,399	11,578	86,067	129,450	5.5	80-85	.3450	15,883	5,441	65,280	149,782	9.4
85 and over	1.0000	11,821	11,821	43,383	43,383	3.7	85 and over	1.0000	10,422	10,422	84,522	84,522	8.1
WHITE FEMALES							NONWHITE FEMALES						
0-1	0.0250	100,000	2,500	97,960	7,150,516	71.5	0-1	0.0425	100,000	4,250	96,518	6,292,511	62.9
1-5	.0050	97,500	488	388,499	7,052,856	72.3	1-5	.0090	95,750	862	380,189	6,195,993	64.7
5-10	.0025	97,012	243	484,356	6,664,157	68.7	5-10	.0036	94,888	342	473,377	5,815,804	61.3
10-15	.0023	96,769	223	483,326	6,179,801	63.9	10-15	.0038	94,546	340	471,898	5,342,427	56.5
15-20	.0035	96,546	319	482,029	5,696,475	59.0	15-20	.0088	94,208	829	469,201	4,870,528	51.7
20-25	.0041	96,227	395	480,224	5,214,446	54.2	20-25	.0145	93,377	1,354	463,648	4,401,327	47.1
25-30	.0051	95,852	489	478,014	4,734,222	49.4	25-30	.0191	92,023	1,666	456,005	3,937,679	42.8
30-35	.0069	95,345	658	475,165	4,256,208	44.6	30-35	.0213	90,357	1,925	447,080	3,481,674	38.5
35-40	.0100	94,685	947	471,208	3,781,043	39.9	35-40	.0334	88,432	2,854	434,832	3,034,594	34.3
40-45	.0147	93,758	1,378	465,506	3,309,835	35.3	40-45	.0467	85,478	3,992	417,810	2,599,662	30.4
45-50	.0221	92,360	2,041	457,081	2,844,329	30.8	45-50	.0657	81,486	5,354	394,360	2,182,052	26.8
50-55	.0354	90,319	3,017	444,603	2,387,248	26.4	50-55	.0856	76,132	6,517	364,668	1,787,692	23.5
55-60	.0496	87,302	4,350	426,485	1,942,645	22.3	55-60	.1111	69,615	7,754	328,964	1,425,004	20.4
60-65	.0769	82,972	6,361	399,993	1,516,180	18.3	60-65	.1561	61,881	9,660	285,278	1,094,040	17.7
65-70	.1047	76,591	8,857	359,774	1,116,187	14.6	65-70	.2298	52,221	12,000	231,040	806,762	15.5
70-75	.1988	66,734	13,267	302,035	756,393	11.3	70-75	.2460	40,221	9,894	176,314	577,722	14.4
75-80	.2902	53,467	15,516	228,865	454,388	8.5	75-80	.2674	30,327	8,109	131,257	401,408	13.2
80-85	.4385	37,951	16,642	146,284	285,528	6.9	80-85	.2771	25,210	6,157	95,407	270,151	12.2
85 and over	1.0000	21,309	21,309	79,269	79,269	3.7	85 and over	1.0000	16,061	16,061	174,744	174,744	10.9

cohort starts with 100,000 births, this would be the age at which there are just 50,000 survivors. In other words, it is the age to which an infant born alive has just an even chance of surviving. In computing this median length of life the deaths in the age group in which the median age lies are assumed to be evenly distributed. Thus, from table CK, the median length of life on the basis of 1949 mortality rates for white males is determined to be 70.3 years, for white females 76.1 years, for nonwhite males 62.2 years, and for nonwhite females 65.9 years. It is evident that the median length of life is longer than the average duration of life for all groups.

Still another measure of comparative longevity is the number of persons surviving to stated ages in a cohort of, say, 100,000 live births. For example, it is of some interest to examine the proportion of survivors to ages 20 and 65, since these ages may be taken as representing, respectively, the attainment of manhood or womanhood, and the retirement age prescribed by the Social Security Act. At age 20 the ratio of nonwhite male to white male survivors in the 1949 life tables is 97 percent, while at age 65 the ratio is 70 percent. This marked difference indicates the cumulative effect of higher mortality among nonwhite males in the intervening years. For white and nonwhite females the corresponding ratios are 97 percent and 68 percent.

Life tables have been prepared at 10-year intervals for the United States since 1900. Each of these is based on a census of population and deaths in the 3-year period containing the census year. Selected values from these tables are shown in table CL together with corresponding figures from life tables for the single years 1945, 1948, and 1949. In using these values it must be remembered that, since the area covered at each period was limited by the size of the death-registration area, the values for periods prior to 1929-31 are not strictly comparable with those for later periods. This cause of variation could at most account for only a small part of the spectacular improvement observed over the entire period covered; however, it is believed that the fluctuations shown at certain ages in the values for Negroes during the first 30 years of the century may be attributable in part to the expanding character of the death-registration area, and in part also to progressive improvement in the completeness of death reporting.

In the period of nearly a half-century covered by table CL, the average duration of life has increased by 17.7 years for white males, 20.4 years for white females, 26.1 years for nonwhite males, and 27.9 years for nonwhite females. The proportion reaching age 65 has increased by 61 percent for white males, 75 percent for white females, 134 percent for nonwhite males, and 137 percent for nonwhite females. The improvement in the average remaining lifetime becomes progressively less at older ages, but the recent values even at relatively old ages are substantially higher than in the earliest period. It is a striking fact that the improvement in longevity since the beginning of the century has been appreciably greater for females than for males.

Explanation of the columns of the life table

Column 1—Age interval (x to $x+n$).—The age interval, shown in column 1, is the interval between the two exact ages indicated. For instance, "20-25" means the 5-year interval between the twentieth birthday and the twenty-fifth.

Column 2—Proportion dying (${}_nq_x$).—This column shows the proportion dying during the indicated age interval among those alive on the birthday which marks the beginning of the interval. For example, the proportion dying in the age interval 20-25 for white males is 0.0085. In other words, if the age-specific mortality rates prevailing in 1949 should continue in effect over a 5-year period, then, out of every 1,000 white males alive and exactly 20 years old at the beginning of the period, 8.5 would die before reaching their

twenty-fifth birthday. The "proportion dying" column forms the basis of the life table, all the other columns being derived from it.

Column 3—Number living (l_x).—This column shows the number of persons who would survive to the exact age marking the beginning of each age interval out of a cohort of 100,000 live births, among whom the proportions dying in each age interval throughout their lives are exactly those shown in column 2. Thus, out of 100,000 white male babies born alive, 96,750 will complete the first year of life and enter the second; 96,169 will begin the sixth year; 94,828 will reach age 20; and 11,821 will live to age 85.

Column 4—Number dying (${}_n d_x$).—This column shows the number dying in each successive age interval out of 100,000 live births. Out of 100,000 white males born alive 3,250 die in the first year of life, 581 in the succeeding 4 years, 806 in the 5-year period between exact ages 20 and 25, and 11,821 die after reaching age 85. Each figure in column 4 is the difference between two successive figures in column 3.

Columns 5 and 6—Stationary population (${}_n L_x$ and T_x).—Suppose that a group of 100,000 individuals like that assumed in columns 3 and 4 is born every year, and that the proportions dying in each such group in each age interval throughout the lives of the members are exactly those shown in column 2. If there were no migration and if the births were evenly distributed over the calendar year, the survivors of these births would make up what is called a stationary population—stationary because in such a population the number of persons living in any given age group would never change. When an individual left the group, either by death or by growing older and entering the next higher age group, his place would immediately be taken by someone entering from the next lower age group. Thus, a census taken at any time in such a stationary community would always show the same total population and the same numerical distribution of that population among the various age groups. In such a stationary population supported by 100,000 annual births, column 3 shows the number of persons who, each year, reach the birthday which marks the beginning of the age interval indicated in column 1, while column 4 shows the number of persons who die each year in the indicated age interval.

Column 5 shows the number of persons in the stationary population in the indicated age interval. For example, the figure given for white males in the age interval 20-25 is 472,182. This means that in a stationary population of white males supported by 100,000 annual births and with proportions dying in each age group always in accordance with column 2, a census taken on any date would show 472,182 persons between exact ages 20 and 25.

Column 6 shows the total number of persons in the stationary population (column 5) in the indicated age interval and all subsequent age intervals. For example, in the stationary population of white males referred to in the last illustration, column 6 shows that there would be at any given moment a total of 4,671,525 persons who have passed their twentieth birthday. The population at all ages 0 and above (in other words, the total population of the stationary community) would be 6,587,888.

Column 7—Average remaining lifetime (e_x).—The average remaining lifetime (also called the complete expectation of life) at any age is the average number of years remaining to be lived by those surviving to that age, on the basis of a given set of age-specific rates of dying. In order to arrive at this value, it is first necessary to observe that the figures in column 5 of the life tables can also be interpreted in terms of a single life table cohort, without introducing the concept of the stationary population. From this point of view, each figure in column 5 represents the total time (in years) lived between the two indicated birthdays by all those reaching the earlier birthday among the survivors of a cohort of 100,000 live births. Thus, the figure 472,182 for white males in the

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age interval 20-25 is the total number of years lived between the twentieth and twenty-fifth birthdays by the 94,828 (column 3) who reach the twentieth birthday out of 100,000 white males born alive. The corresponding figure in column 6 (4,671,525) is the total number of years lived after attaining age 20 by the 94,828 reaching that age. This number of years divided by the number of persons (4,671,525 divided by 94,828) gives 49.3 years as the average remaining lifetime of white males at age 20.

Care must be exercised in drawing conclusions from the

figures in column 7. Thus, observing that the average life-time of white persons is greater than that of nonwhites, one should not conclude that the oldest ages reached by white persons necessarily exceed those attained by the most long-lived nonwhites. The difference in the average length of life is due to the fact that a greater proportion of nonwhites die before reaching old age. For example, the number surviving to age 65 out of 100,000 born alive is far greater among whites than among nonwhites; yet the average length of life remaining at age 65 is about the same for both groups.

TABLE CL.—LIFE TABLE VALUES FOR SELECTED SPECIFIC AGES BY RACE AND SEX AT 10-YEAR INTERVALS 1900-1941, 1945, 1948, AND 1949 FOR THE UNITED STATES DEATH-REGISTRATION STATES

AGE, RACE, AND SEX	NUMBER OF SURVIVORS OUT OF 100,000 BORN ALIVE (l_x)							AVERAGE NUMBER OF YEARS OF LIFE REMAINING (e_x)								
	1949 (U.S.)	1948 (U.S.)	1945 (U.S.)	1939-41 (U.S.)	1929-31 ¹ (U.S.)	1919-21 ¹ (D.R.S. of 1920)	1909-11 ¹ (D.R.S. of 1900)	1900- 1902 ¹ (D.R.S. of 1900)	1949 (U.S.)	1948 (U.S.)	1945 (U.S.)	1939-41 (U.S.)	1929-31 ¹ (U.S.)	1919-21 ¹ (D.R.S. of 1920)	1909-11 ¹ (D.R.S. of 1900)	1900- ¹ 1902 (D.R.S. of 1900)
WHITE MALES																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	65.9	65.5	64.4	62.81	59.12	56.34	50.23	48.23
1	98,750	96,880	96,020	95,188	93,788	91,975	87,674	86,655	67.1	66.8	66.1	64.88	62.04	60.24	56.28	54.61
5	96,169	96,041	95,281	94,150	91,738	88,942	82,972	80,864	63.5	63.2	62.6	61.68	59.38	58.31	55.37	54.43
10	95,613	95,676	94,905	93,601	90,810	87,530	81,519	78,109	58.7	58.4	57.9	57.03	54.96	54.15	51.32	50.59
15	95,458	95,312	94,321	92,089	90,074	86,546	80,549	76,037	53.8	53.6	53.2	52.33	50.39	49.74	46.91	46.25
20	94,629	94,664	92,595	92,293	89,904	84,997	79,116	75,276	49.3	49.0	48.6	47.76	46.02	45.40	42.71	42.19
25	94,022	92,733	92,706	91,241	87,371	83,061	77,047	73,907	44.7	44.4	44.0	43.28	41.78	41.60	38.79	38.52
30	93,213	92,939	91,760	90,092	85,707	80,969	74,810	71,219	40.0	39.8	39.5	38.80	37.54	37.65	34.87	34.88
35	92,244	91,898	90,576	88,713	83,912	78,441	72,108	68,245	35.4	35.2	34.9	34.36	33.33	33.74	31.08	31.29
40	90,796	90,418	88,900	86,680	81,457	75,733	69,948	64,854	30.8	30.7	30.4	30.03	29.22	29.86	27.45	27.74
45	88,581	88,121	86,455	84,285	78,545	72,696	65,115	61,369	26.7	26.5	26.3	25.87	25.28	26.00	23.86	24.26
50	85,179	84,667	82,615	80,521	74,288	69,107	60,741	57,274	22.6	22.4	22.2	21.96	21.51	22.22	20.39	20.72
55	80,026	79,308	77,498	75,156	68,981	64,574	55,622	52,491	18.9	18.8	18.7	18.34	17.97	18.59	17.03	17.42
60	72,880	72,099	70,229	67,787	61,933	58,499	49,987	46,452	15.5	15.4	15.4	15.05	14.72	15.25	13.98	14.35
65	63,274	62,503	60,580	58,305	52,964	50,663	40,862	39,245	12.4	12.4	12.4	12.07	11.77	12.21	11.25	11.51
70	50,942	50,202	48,688	46,739	41,880	40,673	31,527	30,640	9.8	9.8	9.9	9.42	9.20	9.51	8.83	9.03
75	37,147	36,497	35,508	35,404	29,471	29,205	21,585	21,587	7.5	7.5	7.6	7.17	7.02	7.30	6.75	6.84
WHITE FEMALES																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	71.5	71.0	69.5	67.29	62.67	59.53	53.62	51.08
1	97,500	97,450	96,900	96,211	95,037	93,608	89,774	89,939	72.3	71.9	70.8	68.93	64.93	61.51	58.69	56.39
5	97,012	96,914	96,270	95,309	93,216	90,721	85,349	85,246	69.7	69.3	67.2	65.57	62.17	59.43	57.67	56.03
10	96,768	96,662	95,933	94,890	92,466	89,564	83,979	81,723	65.5	65.2	62.2	60.85	57.65	55.57	52.15	50.59
15	96,548	96,440	95,628	94,534	91,894	88,712	83,033	80,680	59.0	58.6	57.6	56.07	53.00	50.67	49.12	47.79
20	96,227	96,093	95,196	93,984	90,939	87,281	81,750	78,978	54.2	53.8	52.9	51.36	48.52	46.46	44.98	43.77
25	95,832	95,651	94,615	93,228	89,524	85,163	79,665	76,589	49.4	49.0	48.2	46.78	44.25	42.55	40.98	40.05
30	95,343	95,125	93,924	92,320	87,972	82,740	77,676	73,887	44.6	44.3	43.5	42.21	39.99	38.72	36.96	36.42
35	94,685	94,440	93,022	91,211	86,248	80,206	75,200	70,971	39.9	39.6	38.9	37.70	35.73	34.06	33.09	32.82
40	93,738	93,420	91,785	89,805	84,256	77,624	72,425	67,935	35.3	35.0	34.4	33.25	31.52	30.94	29.26	29.17
45	92,560	91,863	90,151	87,920	81,780	74,671	69,341	64,677	30.8	30.5	30.0	28.90	27.39	26.98	25.45	25.51
50	90,519	89,758	87,744	85,267	78,572	71,547	65,629	61,005	26.4	26.2	25.2	24.72	23.41	23.12	21.74	21.89
55	87,302	86,738	84,566	81,520	74,321	67,323	61,053	56,509	22.3	22.0	21.7	20.73	19.60	19.40	18.18	18.43
60	82,972	82,254	79,566	76,200	68,462	61,704	54,900	50,752	18.3	18.1	17.8	17.00	16.05	15.93	14.92	15.23
65	76,591	75,692	72,532	68,701	60,499	54,299	47,086	43,806	14.6	14.4	14.3	13.56	12.81	12.75	11.97	12.23
70	66,734	65,760	62,349	58,563	49,932	44,638	37,482	35,206	11.3	11.2	11.2	10.50	9.98	9.94	9.36	9.59
75	53,467	52,424	49,318	44,685	37,024	32,777	26,569	25,362	8.5	8.3	8.4	7.92	7.56	7.62	7.20	7.33
NONWHITE MALES																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	58.6	59.1	56.1	52.33	47.55	47.14	34.05	32.54
1	94,690	94,780	93,670	91,696	91,268	89,499	78,065	74,674	60.9	60.2	59.9	56.05	51.08	51.63	42.53	42.46
5	93,667	93,785	92,490	89,920	88,412	85,195	68,589	64,585	57.5	56.9	55.6	53.13	48.69	50.18	44.25	45.06
10	93,245	93,372	91,981	89,211	87,511	83,766	66,377	61,730	52.9	52.1	50.9	48.94	44.27	45.99	40.65	41.90
15	92,769	92,805	91,337	88,417	86,152	82,532	64,478	59,667	48.0	47.4	46.2	45.95	39.83	41.75	36.77	38.11
20	91,711	91,827	90,040	86,770	83,821	79,057	61,426	56,733	43.5	42.9	41.9	39.74	35.95	38.56	33.46	35.26
25	90,134	90,062	87,870	84,055	79,516	74,540	57,736	53,285	39.3	38.7	37.9	35.94	32.67	35.54	30.44	32.21
30	88,151	87,320	85,374	80,863	75,083	70,344	54,073	49,887	35.1	34.6	33.8	32.25	29.45	32.51	27.33	29.25
35	85,763	85,414	82,369	77,185	70,049	65,873	49,885	46,541	31.0	30.5	30.0	28.67	26.39	29.54	24.42	26.16
40	82,331	81,767	78,242	72,830	64,710	61,353	45,414	42,989	27.2	26.8	26.4	25.23	23.36	26.53	21.57	23.12
45	77,712	76,818	73,501	67,514	59,432	56,589	40,563	39,230	23.6	23.3	22.9	22.02	20.59	23.55	18.85	20.09
50	71,487	70,641	67,092	60,766	51,748	48,980	35,427	34,766	20.5	20.1	19.9	19.18	17.92	20.47	16.21	17.34
55	63,468	62,157	59,175	52,967	44,436	40,581	29,754	29,987	17.7	17.5	17.2	16.67	15.46	17.50	13.82	14.69
60	54,162	52,765	50,530	44,370	36,790	34,506	23,750	24,194	15.3	15.2	14.7	14.38	13.15	14.74	11.67	12.62
65	44,469	43,040	41,056	35,312	29,324	27,042	17,608	19,015	13.1	13.1	12.2	12.18	10.87	12.07	9.74	10.38
70	33,095	32,383	30,173	27,688	23,741	22,923	12,295	13,629	11.8	11.5	10.2	10.06	8.78	9.59	8.00	8.33
75	23,729	22,917	23,263	19,765	14,419	13,854	7,494	8,892	10.5	10.3	8.1	8.09	6.99	7.61	6.56	6.60
NONWHITE FEMALES																
0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	62.9	62.5	59.6	55.51	49.51	46.92	37.67	35.04
1	95,760	95,900	94,910	93,318	92,791	91,231	81,493	78,825	64.7	64.2	61.8	58.47	52.33	50.39	43.13	43.34
5	94,888	94,980	93,856	91,710	90,188	87,149	72,768	69,056	61.3	60.8	58.5	55.47	49.91	48.70	46.42	46.04
10	94,546	94,510	93,377	91,092	89,201	85,807	70,508	66,111	56.5	56.1	53.8	50.83	45.33	44.54	42.84	43.02
15	94,206	94,085	92,807	90,383	88,088	83,854	68,218	62,584	51.7	51.3	49.1	46.22	40.87	40.36	39.18	39.79
20	93,377	93,116	91,573	88,503	85,078	80,154	64,764	59,053	47.1	46.8	44.7	42.14	37.22	37.15	36.14	36.89
25	92,023	91,608	89,585	85,961	81,067	75,359	61,430	55,795	42.8	42.5	40.6	38.31	33.93	34.35	32.97	33.80
30	89,357	88,949	87,518	83,147	78,316	72,633	59,861	55,773	38.3	38.0	36.5	34.52	30.67	31.48	29.81	30.70
35	88,432	87,782	84,978	79,879	75,192	69,557	54,595	49,567	34.3	34.2	32.6	30.83	27.47	28.58	26.44	27.52
40	85,478	84,648	81,280	75,308	67,271	61,130	50,568	46,146	30.4	30.3	28.9	27.31	24.30	25.80	23.34	24.37
45	81,488	80,593	77,209	71,061	61,365	55,230	45,947	42,273	26.8	26.7	25.3	24.00	21.39	22.61	20.45	21.36
50	76,1															

MORBIDITY STATISTICS

The qualifying factors influencing vital statistics data discussed earlier in this volume are especially pertinent when considering notifiable diseases. In addition, incidence data are less complete than the data pertaining to the facts of birth and death. The relative completeness of birth and death registration may be, in part, due to the establishment of permanent records. The person responsible for the reporting, the parents, survivors of the deceased, and the general public opinion recognize the importance of a permanent record of birth or death to the State and to the Nation. Morbidity reports, although important, are not permanent records, and this fact may contribute to the incompleteness of notifiable disease reporting. The morbidity report form itself is used for a limited time and contains a limited amount of information regarding the disease and the patient. However, the postcard form which is predominantly used provides adequate notification to the epidemiologist or health officer of new cases of notifiable diseases. The type, severity, and frequency of a disease as well as the public interest are factors influencing completeness and accuracy of reports. Other factors affecting completeness of notifiable disease reporting within and between the States and from year to year, include availability of medical care, accuracy of diagnosis, definition of disease for reporting purposes, and methods of tabulation.

Trend of reported cases of specified diseases

Table CM shows total cases of specified notifiable diseases in the United States for the years 1935 to 1949, inclusive, which indicate general trends of certain disease incidence in the Nation. For 1949, new low total annual incidence was reported for typhoid fever, scarlet fever and streptococcal sore throat, diphtheria, whooping cough, smallpox, endemic typhus, and malaria. The number of cases of acute poliomyelitis for 1949 was the highest on record.

Typhoid fever incidence has declined in the 15-year period to a low level, 2,848 cases being reported in 1949. These data may be considered in two periods of time—the inclusion of paratyphoid fever data for the years 1935 to 1941 and the almost complete exclusion of paratyphoid fever for the years 1942 to 1949. Each of these periods reflects a decreasing incidence trend.

Reported cases of scarlet fever and streptococcal sore throat have decreased almost steadily, from 268,168 cases in 1935 to 87,220 in 1949.

Diphtheria cases totaled 7,969 in 1949, the lowest during any of the 15 years given in table CM. In 1935 there were

39,226 cases, the highest total during the same period. Since that time the annual incidence has decreased except for 2 years, 1941 and 1945.

In 1949 the number of cases of whooping cough was 69,479, 74,715 for 1948, and 156,517 for 1947. The highest annual total was for 1938 with 227,319 cases.

Smallpox cases totaled 49 for 1949 and 57 for 1948. The largest total incidence occurred in 1938 with 14,939 cases.

Endemic typhus fever incidence decreased from 1,171 cases in 1948 to 985 cases in 1949. In the 15-year period, the highest annual total was 5,399 for 1944.

Malaria incidence has decreased each year from 1935 to the low total of 4,151 cases for 1949 except for an increase in 1944 and 1945. Part of the decrease in malaria was due to active antimalarial control measures and to laboratory confirmation of diagnosis in many States.

The total number of poliomyelitis cases in 1949 was 42,033, the highest total on record. The previous high year occurred in 1916 when there were nearly 30,000 cases. However, in the 1916 epidemic, only paralytic types were counted as cases, while in 1949 a large proportion of the total consisted of non-paralytic types of infection.

Meningococcal infections decreased from 18,223 cases in 1943 to 3,519 cases in 1949. In 1948, a total of 3,376 was reported. This decreasing incidence in the years 1944 to 1949 following a peak in 1943, probably represents a normal occurrence in the 6- to 12-year cycle of the disease.

Rocky Mountain spotted fever incidence was 570 for 1949, an increase from the 547 cases reported the preceding year. The range in total cases between 1935 and 1949 was from a low of 362 cases in 1936 to a high of 596 in 1947.

Reported incidence of specified diseases, by State

Table CN gives total number of cases of certain notifiable diseases in the United States, and in each division and State for 1949.

Of the 2,848 cases of typhoid fever in 1949, 1,561 or 54.8 percent were reported in 3 geographic divisions, which have 31.1 percent of the population of the country. The 3 divisions were the South Atlantic with 529 cases, the East South Central with 413 cases, and the West South Central with 619 cases. In 2 of these divisions, States reporting the largest numbers of cases were: Texas, 285; Kentucky, 150; Tennessee, 136; and Louisiana, 134. Two States outside these divisions had comparable totals: Pennsylvania, 196 and Ohio, 158.

Brucellosis, although decreasing in annual incidence, continued to suggest the importance of diseases caused by animal contacts with man. Of the 4,235 cases, 2,215 or 52.3 percent

TABLE CM.—REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, 1935-49
(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937	1936	1935
Typhoid fever-----040	2,848	2,898	3,151	3,268	4,211	4,610	4,809	4,170	2,601	2,809	2,069	2,403	2,033	2,098	2,355
Brucellosis (undulant fever)---044	4,235	4,991	6,321	5,807	5,049	4,436	3,753	3,228	3,484	3,310	3,501	4,379	2,675	2,095	2,008
Scarlet fever and streptococcal sore throat-----050,051	87,220	91,295	93,595	125,511	185,570	200,539	150,362	135,755	139,424	165,765	173,162	199,076	235,261	250,097	268,168
Diphtheria-----055	7,969	9,493	12,262	16,354	18,675	14,150	14,811	16,260	17,887	15,536	24,053	30,508	28,536	30,018	39,226
Whooping cough-----056	69,479	74,715	156,517	109,860	133,792	109,875	191,890	191,343	222,202	183,865	183,188	227,519	214,652	147,237	180,518
Meningococcal infections-----057	3,519	3,576	3,420	5,693	8,142	16,312	18,223	3,823	2,017	1,684	2,037	2,919	5,484	7,520	5,875
Tuberculosis-----059	1,179	1,086	1,401	1,355	900	781	986	1,023	1,530	1,620	2,231	2,038	960	891	780
Acute poliomyelitis-----060	42,033	27,728	10,827	25,698	15,824	19,029	12,450	4,167	9,036	9,604	7,343	1,705	9,534	4,525	10,639
Acute infectious encephalitis---062	903	750	785	728	785	783	771	665	5,516	1,030	326	1,303	1,010	790	1,035
Smallpox-----064	49	57	176	337	345	397	765	865	1,366	2,795	9,877	14,939	11,673	7,654	7,957
Measles-----085	625,281	615,104	222,375	695,843	146,013	630,291	635,627	547,413	894,134	221,162	405,317	822,811	321,510	299,614	743,656
Endemic typhus fever-----101	985	1,171	2,050	3,365	5,193	5,399	4,523	3,736	2,784	1,878	2,996	2,294	2,393	1,733	1,287
Rocky Mountain spotted fever---104A	570	547	596	597	472	470	478	498	516	457	589	434	432	362	491
Malaria-----110-117	4,151	9,606	15,116	48,160	62,763	57,629	54,554	60,077	68,074	78,129	82,654	64,207	108,459	133,927	137,505

¹Includes Paratyphoid fever for some States (1942, 4 States; 1945 and 1944, 1 State; 1947-49, 2 States).

²Includes Paratyphoid fever. Typhoid fever not tabulated separately, 1935-41.

³Scarlet fever only for 2 States.

NOTE.—Typhoid fever, Diphtheria, Whooping cough, Acute poliomyelitis, Smallpox, and Measles are reported by each of the States and the District of Columbia; other diseases are reported by a varying number of States. For 1940-49, cases reported in military establishments in the United States are included in State totals.

VITAL STATISTICS OF THE UNITED STATES

TABLE CN.—REPORTED CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, 1949

(Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1949)

AREA	Typhoid fever (040)	Brucel- losis (undulant fever) (044)	Scarlet fever and strep- tococcal sore throat (050,051)	Diph- theria (055)	Whooping cough (056)	Meningo- coccal invec- tions (057)	Tular- emia (059)	Acute polio- myelitis (080)	Acute infec- tious encepha- litis (082)	Smallpox (084)	Measles (085)	Endemic typhus fever (101)	Rocky Mountain spotted fever (104A)	Malaria (110-117)
UNITED STATES-----	2,848	4,235	87,220	7,969	69,479	3,519	1,179	42,033	905	49	625,281	985	570	4,151
GEOGRAPHIC DIVISIONS														
New England-----	73	132	9,246	439	7,804	151	5	3,430	49	-	71,312	1	1	14
Middle Atlantic-----	352	296	16,461	540	19,038	631	12	7,534	125	-	140,544	9	43	55
East North Central-----	366	1,127	27,334	854	16,177	600	133	9,928	183	3	91,032	6	34	19
West North Central-----	181	1,069	5,170	380	1,449	285	95	6,693	221	14	36,220	-	9	37
South Atlantic-----	529	392	12,765	2,055	6,681	442	288	1,995	56	-	85,086	392	284	420
East South Central-----	413	204	4,798	1,312	3,172	442	140	1,634	45	8	30,212	185	67	254
West South Central-----	619	545	3,716	1,495	6,455	475	404	4,694	77	13	79,618	375	45	3,306
Mountain-----	178	254	4,496	332	2,416	128	108	2,070	71	11	27,352	1	78	25
Pacific-----	135	197	3,212	562	6,285	385	14	3,655	77	-	63,905	16	9	21
NEW ENGLAND														
Maine-----	15	12	625	22	506	16	-	446	4	-	10,271	-	-	2
New Hampshire-----	3	3	391	5	370	13	-	247	-	-	2,522	-	-	-
Vermont-----	3	3	224	1	317	10	-	144	-	-	6,335	-	-	-
Massachusetts-----	30	31	6,148	333	4,638	50	4	1,732	26	-	26,394	1	1	10
Rhode Island-----	5	5	375	10	306	9	-	157	11	-	6,661	-	-	1
Connecticut-----	17	78	1,483	68	1,667	53	1	654	7	-	19,129	-	-	1
MIDDLE ATLANTIC														
New York-----	117	146	6,529	204	8,774	242	7	5,074	83	-	52,366	3	10	26
New Jersey-----	39	35	3,412	97	4,563	99	1	1,513	27	-	34,524	1	16	28
Pennsylvania-----	196	115	18,540	259	5,701	300	4	947	15	-	53,654	5	17	3
EAST NORTH CENTRAL														
Ohio-----	150	137	8,783	271	3,696	169	20	1,796	1	2	21,399	-	9	6
Indiana-----	47	44	2,062	394	993	40	25	1,147	40	-	4,018	-	9	5
Illinois-----	2103	514	4,167	50	3,936	200	75	2,910	59	-	5,820	3	15	3
Michigan-----	48	193	10,001	119	4,157	120	7	2,808	69	-	20,279	3	1	2
Wisconsin-----	12	239	2,301	20	3,395	71	6	1,166	14	1	39,626	-	-	3
WEST NORTH CENTRAL														
Minnesota-----	21	355	1,723	113	161	76	2	1,893	24	-	3,359	-	1	32
Iowa-----	7	377	841	32	168	34	3	1,217	13	-	3,453	-	3	-
Missouri-----	106	115	691	120	345	91	61	1,319	3	0	7,317	-	2	5
North Dakota-----	2	29	236	20	155	26	2	481	126	-	1,514	-	-	-
South Dakota-----	6	46	119	13	53	21	-	406	40	1	1,038	-	2	-
Nebraska-----	13	46	550	24	121	9	-	681	5	-	2,713	-	-	-
Kansas-----	26	120	806	58	406	28	7	726	10	5	16,826	-	1	-
SOUTH ATLANTIC														
Delaware-----	9	2	272	14	226	17	-	46	2	-	741	-	4	-
Maryland-----	251	46	1,047	108	1,298	31	16	315	2	-	16,610	3	59	7
District of Columbia-----	15	-	254	43	120	20	1	106	-	-	2,248	1	2	1
Virginia-----	116	73	2,951	220	1,378	84	40	337	8	-	21,393	3	101	20
West Virginia-----	80	7	681	165	1,051	56	6	343	-	-	3,637	-	3	1
North Carolina-----	53	25	1,858	550	1,398	87	39	229	4	-	17,330	26	79	53
South Carolina-----	64	31	4,247	356	789	45	42	110	15	-	9,764	22	8	242
Georgia-----	90	122	691	393	248	59	96	227	15	-	9,410	214	28	53
Florida-----	51	66	364	206	191	41	29	262	10	-	3,753	123	-	43
EAST SOUTH CENTRAL														
Kentucky-----	150	23	1,878	303	1,172	155	10	687	6	5	8,364	3	20	10
Tennessee-----	136	39	1,946	295	1,167	155	66	545	23	-	8,243	28	33	35
Alabama-----	55	76	668	558	522	79	12	243	3	-	11,343	142	11	134
Mississippi-----	72	66	1306	366	291	53	52	359	13	3	2,262	12	3	75
WEST SOUTH CENTRAL														
Arkansas-----	126	50	1,490	192	769	44	215	992	3	-	12,469	13	13	327
Louisiana-----	134	30	203	191	117	59	47	227	10	1	1,357	76	1	24
Oklahoma-----	74	144	790	132	228	66	71	1,320	16	2	7,536	2	25	66
Texas-----	295	341	1,235	960	5,341	316	73	2,355	48	10	56,236	284	6	2,889
MOUNTAIN														
Montana-----	13	13	434	28	105	14	35	88	11	1	3,806	-	12	-
Idaho-----	31	29	715	38	141	7	1	510	5	3	2,912	-	7	2
Wyoming-----	10	8	165	12	37	9	29	120	3	-	629	-	20	-
Colorado-----	33	99	808	70	359	53	4	868	41	1	7,314	-	24	5
New Mexico-----	51	8	346	36	200	9	2	196	3	3	4,324	1	3	1
Arizona-----	36	18	1,643	114	562	15	3	179	4	3	3,932	-	-	13
Utah-----	3	75	249	31	941	11	33	284	3	-	3,546	-	12	1
Nevada-----	1	4	144	3	73	10	1	25	1	-	667	-	-	3
PACIFIC														
Washington-----	5	26	1,806	48	779	60	1	580	-	-	12,661	-	1	2
Oregon-----	15	45	637	57	1,031	26	5	325	2	-	9,232	-	3	-
California-----	115	126	568	457	4,475	279	8	2,740	75	-	42,012	16	5	19

¹Scarlet fever only.²Includes Paratyphoid fever.

NOTE.—Cases reported in military establishments in the United States are included in State totals.

occurred in the East and West North Central Divisions, with 29.5 percent of the total population. Of the 12 States in these 2 divisions, the largest numbers of cases were reported by Illinois, 514; Iowa, 377; Minnesota, 355; and Wisconsin, 239. States having comparable totals outside these divisions were Texas, 341 and New York, 146.

The incidence of diphtheria was highest in the South Atlantic, and East and West South Central Divisions. Of the 7,969 cases reported in the Nation, 4,862 or 61 percent were in these 3 divisions. The South Atlantic had 2,055 cases; the East South Central, 1,312 cases; and the West South Central, 1,495 cases. Of the 17 States in these divisions, the leading States were: Texas, 980; North Carolina, 550; and Georgia, 393. Outside these divisions, a comparable State was California with 457 cases.

The cases of meningococcal infections totaled 3,519, of which 1,337 or 38 percent of the cases were reported in the following 5 States: Texas, 316; Pennsylvania, 300; California, 279; New York, 242; and Illinois, 200.

The number of cases of tularemia totaled 1,179 in the United States with the largest number reported in the West South Central Division. The incidence in this division is chiefly in Arkansas where there were 213 cases or nearly one-fifth of the Nation's total. Tularemia incidence in Arkansas probably reflects public health interest in the disease and the effects of case finding and improved reporting activity rather than an incidence which is actually higher than in many other States.

Poliomyelitis incidence was relatively high in the Middle Atlantic, and East and West North Central Divisions where 24,155 cases or 57.5 percent of the total were reported. States reporting more than 2,000 cases were: New York, 5,074; Illinois, 2,910; Michigan, 2,909; California, 2,740; and Texas, 2,355.

There was a total of 985 cases of endemic typhus fever, with 95.2 or 96.6 percent of the cases reported in the South Atlantic, and East and West South Central Divisions. Texas had the largest number of cases, 284; followed by Georgia, 214; and Alabama, 142.

The number of Rocky Mountain spotted fever cases was 570 with 284 or 49.8 percent in the South Atlantic Division. The total in the Mountain Division was 78. Virginia reported the largest total, 101 cases; followed by North Carolina with 79.

Of the 4,151 cases of malaria reported in 1949, 3,306 or 79.6 percent occurred in the West South Central Division. Texas reported the largest number of cases, 2,869, followed by Arkansas with 327 and South Carolina with 242.

MARRIAGE STATISTICS

There were 1,579,798 marriages in the United States in 1949. This figure was exceeded in every year of the decade 1940-49 except in 1943 and in 1944. Compared with the total of 1,811,155 marriages in 1948, it represented a decrease of 12.8 percent.

A crude marriage rate of 10.6 per 1,000 estimated midyear population excluding the armed forces overseas was recorded for 1949. This was the lowest annual rate since 1939.

Marriage trend

Numbers of marriages, crude marriage rates, and the populations for computing the crude rates are presented in table CO for the years 1867 through 1949. For most years, the numbers of marriages include partial or complete estimates for some States. Included in the marriage totals also are figures on marriage licenses for those States for which numbers of marriages were not available.

Over the 83-year period covered, crude marriage rates

have been characterized by a period of relative stability up to the turn of the century and by subsequent periods of irregular fluctuations.

From 1900 through 1920, there was a well defined though gradual rise punctuated by fairly sizable intermittent decreases scattered over the two decades. In this period, marriage rates rose from 9.3 in 1900 to 12.0 in 1920.

An almost uninterrupted decline from 1920 to 1932 terminated in an all-time low rate of 7.9 marriages per 1,000 population in 1932. From 1932 to 1946 there was an alternating but predominantly upward movement culminating in an all-time high rate of 16.4 for 1946. In the 3 years since 1946, the marriage rate has dropped 35.4 percent.

TABLE CO.—MARRIAGES AND CRUDE MARRIAGE RATES: UNITED STATES, 1867-1949

(Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population ¹	MARRIAGES ²		YEAR	Estimated midyear population ¹	MARRIAGES ²	
		Number	Rate			Number	Rate
1949	148,558,000	1,579,798	10.6	1907	87,000,271	936,936	10.8
1948	146,045,000	1,811,155	12.4	1906	85,436,556	895,000	10.5
1947	143,375,000	1,981,878	13.9	1905	83,819,666	842,000	10.0
1946	139,895,000	2,281,045	16.4	1904	82,164,974	815,000	9.9
1945	132,137,000	1,612,982	12.2	1903	80,632,152	818,000	10.1
1944	132,622,000	1,452,394	11.0	1902	79,160,196	776,000	9.8
1943	133,971,000	1,577,050	11.8	1901	77,585,128	742,000	9.6
1942	133,752,000	1,772,182	13.2	1900	76,094,134	709,000	9.3
1941	133,056,000	1,695,999	12.7	1899	74,798,612	673,000	9.0
1940	131,936,000	1,695,879	12.1	1898	73,493,926	647,000	8.8
1939	130,879,718	1,405,633	10.7	1897	72,189,240	643,000	8.9
1938	129,624,939	1,330,780	10.3	1896	70,864,554	635,000	9.0
1937	129,624,939	1,451,286	11.3	1895	69,579,888	620,000	8.9
1936	128,033,190	1,369,000	10.7	1894	68,275,182	589,000	8.6
1935	127,250,232	1,327,000	10.4	1893	66,970,486	601,000	9.0
1934	126,373,775	1,302,000	10.3	1892	65,665,810	601,000	9.2
1933	125,578,763	1,098,000	8.7	1891	64,361,124	592,000	9.2
1932	124,640,471	981,903	7.9	1890	63,056,438	570,000	9.0
1931	124,059,648	1,080,974	8.8	1889	61,775,121	563,000	9.1
1930	123,076,741	1,126,858	9.2	1888	60,495,927	535,000	8.8
1929	121,769,939	1,232,569	10.1	1887	59,216,753	513,000	8.7
1928	120,501,115	1,182,497	9.8	1886	57,937,540	504,000	9.2
1927	119,038,062	1,201,063	10.1	1885	56,658,347	507,000	8.9
1926	117,399,225	1,202,574	10.2	1884	55,379,154	485,000	8.8
1925	115,631,965	1,188,334	10.3	1883	54,099,961	501,000	9.3
1924	114,113,463	1,184,574	10.4	1882	52,820,768	484,000	9.2
1923	111,949,945	1,229,784	11.0	1881	51,541,575	464,000	9.0
1922	110,054,778	1,134,151	10.3	1880	50,262,382	453,000	9.0
1921	108,541,489	1,163,863	10.7	1879	49,008,194	436,000	8.9
1920	106,466,420	1,274,476	12.0	1878	48,174,461	423,000	8.8
1919	104,512,110	1,150,188	11.0	1877	47,140,727	411,000	8.7
1918	103,202,801	1,000,108	9.7	1876	46,106,994	405,000	8.8
1917	105,265,913	1,144,200	11.1	1875	45,073,260	409,000	9.1
1916	101,965,984	1,075,775	10.6	1874	44,039,527	385,000	8.7
1915	100,549,012	1,007,595	10.0	1873	43,005,794	388,000	9.0
1914	99,117,567	1,025,092	10.3				
1913	97,226,814	1,021,396	10.5	1872	41,972,060	378,000	9.0
1912	95,331,300	1,004,602	10.5	1871	40,938,327	389,000	8.8
1911	93,867,814	955,287	10.2	1870	39,904,593	382,000	8.8
1910	92,406,538	948,166	10.3	1869	39,050,729	348,000	8.9
1909	90,491,525	897,354	9.9	1868	38,215,216	345,000	9.0
1908	88,708,978	857,461	9.7	1867	37,375,703	357,000	9.8

¹For 1940-49 and 1917-19, excludes armed forces overseas.

²Includes estimates and marriage licenses; for sources of data, see table C, p. VIII.

Marriages by State

Table CP shows the numbers of marriages or of marriage licenses and crude rates per 1,000 population by geographic division and by State, according to place of occurrence, for 1948 and for 1949.

A smaller number of marriages in 1949 than in 1948 was recorded in each of the nine geographic divisions of the United States. The East North Central Division, for which the largest numbers of marriages for any division were reported in 1948 and in 1949, also experienced the largest decrease (16.9 percent) in 1949. The decrease was smallest (5.4 percent) in the

TABLE CP.—MARRIAGES AND CRUDE MARRIAGE RATES: UNITED STATES, EACH DIVISION AND STATE, 1948 AND 1949

(By place of occurrence. Rates per 1,000 estimated total midyear population present in area)

AREA	MARRIAGES			
	Number		Rate	
	1949	1948	1949	1948
UNITED STATES	1,579,798	1,811,165	10.6	12.4
GEOGRAPHIC DIVISIONS				
New England	84,176	98,876	8.0	10.7
Middle Atlantic	282,579	306,304	8.6	10.5
East North Central	276,793	333,149	9.2	11.2
West North Central	132,915	152,243	9.7	11.4
South Atlantic	250,091	290,595	12.1	14.3
East South Central	145,821	154,119	13.0	15.9
West South Central	184,743	206,024	12.9	14.6
Mountain	121,687	134,233	25.1	28.7
Pacific	120,993	135,622	8.4	9.5
NEW ENGLAND				
Maine	8,085	10,293	8.9	11.7
New Hampshire	7,428	8,427	14.2	16.6
Vermont	3,385	3,889	9.2	10.9
Massachusetts	39,639	45,940	8.3	9.7
Rhode Island	7,098	8,716	9.0	11.1
Connecticut	19,541	21,611	9.2	10.9
MIDDLE ATLANTIC				
New York	134,115	156,024	9.1	10.8
New Jersey	44,469	51,913	9.3	11.1
Pennsylvania	83,995	96,367	8.1	9.6
EAST NORTH CENTRAL				
Ohio	159,600	283,146	17.5	21.0
Indiana ²	48,282	54,387	12.4	14.2
Illinois ²	89,020	101,051	10.2	11.9
Michigan	53,109	61,986	8.5	10.0
Wisconsin	27,762	32,579	8.4	10.0
WEST NORTH CENTRAL				
Minnesota ²	28,659	33,085	9.8	11.6
Iowa	25,515	28,585	10.0	11.5
Missouri	37,113	42,534	9.5	11.1
North Dakota	4,828	5,488	8.3	9.8
South Dakota	6,519	7,330	10.5	12.4
Nebraska	12,743	14,938	9.9	12.0
Kansas	17,539	20,283	9.4	11.5
SOUTH ATLANTIC				
Delaware	2,597	2,662	8.1	8.4
Maryland	47,842	56,177	20.5	24.5
District of Columbia ²	9,991	11,591	11.9	13.2
Virginia	33,174	37,423	10.1	11.5
West Virginia ²	15,739	16,495	7.1	8.6
North Carolina ²	27,275	29,773	6.9	7.8
South Carolina ²	39,509	46,748	19.7	23.8
Georgia ²	53,925	69,206	16.0	20.8
Florida	22,039	21,510	8.2	8.3
EAST SOUTH CENTRAL				
Kentucky	59,621	64,232	20.5	22.8
Tennessee	15,024	15,316	4.6	4.7
Alabama	19,411	20,926	6.5	7.0
Mississippi	52,765	53,645	25.4	26.1
WEST SOUTH CENTRAL				
Arkansas	44,045	43,490	24.0	24.0
Louisiana ¹	26,000	29,000	9.9	11.2
Oklahoma ²	18,466	20,636	8.7	9.8
Texas ²	96,214	112,999	12.5	14.9
MOUNTAIN				
Montana	6,981	7,131	12.4	13.5
Idaho	7,565	8,354	13.2	15.1
Wyoming	3,414	3,736	12.4	13.9
Colorado ²	12,639	14,009	10.1	11.7
New Mexico	16,392	16,492	25.9	27.9
Arizona	23,139	24,824	31.9	34.9
Utah	6,402	7,327	29.5	33.1
Nevada ²	45,155	52,360	284.0	329.5
PACIFIC				
Washington ²	32,374	35,007	13.6	15.1
Oregon	10,746	12,373	7.2	8.3
California	77,875	88,242	7.4	8.4

¹Estimated.²Marriage licenses.

contiguous East South Central Division. Except for the East North Central Division, decreases in numbers of marriages for 1949 were heaviest in the divisions along the Atlantic Coast.

All but 2 States shared in the general decrease in marriages in 1949 compared with 1948. Only Florida and Arkansas reported a larger number of marriages in 1949, although the increases in both States were quite small.

An extremely wide range in crude marriage rates for 1949, as well as for 1948, may be observed from the figures in table CP. The highest rate for any State for 1949 was 284.0 per 1,000 population in Nevada; and the lowest, 4.6 per 1,000 in Tennessee. Rates far in excess of those for the country as a whole were also recorded in Maryland, South Carolina, Georgia, Kentucky, Mississippi, Arkansas, New Mexico, and Arizona. Of this group, and including Nevada, only Kentucky required a premarital blood test, and since the end of August 1949, Georgia also requires one.

The broad range of State marriage rates may be attributable to such factors as differences in demographic characteristics, diversity of laws and regulations relating to marriage, and varying geographic and climatic conditions. Furthermore, while the numbers of marriages represent enumerations of occurrences within each State, the rates are computed by relating the numbers of occurrences to resident populations. Marriage rates by place of residence are not available.

The following sections present all available statistics on personal characteristics of brides and grooms.

Median ages at first marriage and remarriage

In table CQ, there are presented median ages of brides and grooms at first marriage and at remarriage for marriages occurring in 16 States in 1949. Remarriage refers to marriages of widowed or divorced persons.

TABLE CQ.—MEDIAN AGE OF BRIDE AND GROOM BY FIRST MARRIAGE AND REMARRIAGE: 16 REPORTING STATES, 1949

(By place of occurrence)

AREA	FIRST MARRIAGE		REARRIAGE	
	Bride	Groom	Bride	Groom
TOTAL	21.7	24.2	34.2	39.6
California	21.6	24.3	34.1	39.0
Connecticut	23.2	25.3	35.4	39.8
Delaware	22.3	24.5	35.6	40.6
Idaho	19.3	23.4	32.0	36.7
Iowa	20.8	23.5	33.6	37.9
Kansas	20.1	23.4	32.2	36.9
Louisiana ¹	19.7	23.4	32.4	38.5
Maine	20.6	23.5	33.7	38.1
Massachusetts	22.9	24.9	36.4	41.8
Nebraska	21.3	23.8	32.5	37.8
New Hampshire	21.8	24.3	33.7	39.1
New York ²	22.2	24.5	37.3	43.0
Oregon	20.4	23.6	34.6	38.8
South Dakota	20.8	24.1	31.6	37.3
Tennessee	21.2	23.7	33.1	39.0
Virginia	21.7	24.0	33.7	38.9

¹Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, and Webster.²Excludes New York City.

NOTE.—For basic data, see table 17 on p. 178.

In all 16 States, average (median) ages of brides were consistently lower than those of grooms, and average ages at first marriage for both brides and grooms were consistently lower than their respective ages at remarriage.

In those States where average (median) ages at first marriage of brides were higher than in other States, average ages of grooms were also higher, while differences between the average ages of brides and grooms tended to decrease with advancing ages of both. For instance, the largest difference between average ages at first marriage of brides and grooms in the same State was 4.1 years in Idaho, where the brides and grooms were also on the average younger than in any other State. Similarly, the smallest difference, 2.1 years, was in Connecticut where brides and grooms were on the average oldest. The data on remarriages show a similar but less consistent pattern.

The range of median ages of brides at first marriage was from 19.3 years of age in Idaho to 23.2 years in Connecticut, and of grooms at first marriage, from 23.4 years of age in Idaho, Kansas, and Louisiana (excluding 10 parishes) to 25.3 years in Connecticut.

Average (median) ages of brides were from 10.8 to 15.1 years higher at remarriage than at first marriage, and of grooms, from 13.2 to 18.5 years higher. The range of average ages at remarriage was from 31.6 years in South Dakota to 37.3 years in New York (excluding New York City) for brides, and from 36.7 years in Idaho to 43.0 years in New York (excluding New York City) for grooms.

Median ages by race

Median ages of brides and grooms, classified as white and nonwhite, for marriages recorded in 16 States for 1949 are presented in table CR. In 4 States—Idaho, Maine, New Hampshire, and Vermont—median ages for the nonwhite group

TABLE CR.—MEDIAN AGE OF BRIDE AND GROOM BY RACE: 16 REPORTING STATES, 1949.
(By place of occurrence)

AREA	BRIDE		GROOM	
	White	Nonwhite	White	Nonwhite
TOTAL	22.7	22.7	25.1	26.7
Alabama	21.2	21.6	24.4	24.9
California	23.6	24.6	26.8	29.4
Connecticut	24.2	25.0	27.1	27.6
Delaware	23.3	23.9	25.8	26.5
Idaho	21.8	25.8	25.0	27.4
Iowa	22.0	24.8	24.4	28.9
Kansas	21.6	25.1	24.5	26.4
Louisiana ²	21.9	22.4	24.8	26.0
Maine	21.9	21.6	24.5	24.4
Mississippi	20.8	22.2	24.4	26.1
Nebraska	22.4	24.5	24.7	27.9
New Hampshire	23.7	26.4	26.5	30.8
New York ³	23.0	23.8	25.3	26.7
Tennessee	22.3	23.7	24.7	27.5
Vermont	22.5	24.0	24.8	33.8
Virginia	22.9	22.5	24.9	25.5

¹Based on fewer than 60 frequencies.

²Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermillion, and Webster.

³Excludes New York City.

NOTE.—For basic data, see table 18 on p. 180.

were based on fewer than 60 marriages in each State. Because of the small numbers involved, these 4 States have been excluded from the discussion of median ages of brides and grooms by race.

In the remaining 12 States, average (median) ages for both race groups were higher for grooms than for brides, and the differentials between the average ages of brides and grooms in the same race groups were larger for the nonwhite group. Median ages for nonwhite grooms were higher than for white grooms in all 12 States, and for nonwhite brides, in all but 1 State.

The unweighted mean difference for the 12 States between median ages of white and nonwhite brides was 1.1 years and of white and nonwhite grooms, 1.8 years.

Marriage license rates by month

Marriage license⁵⁴ rates for the United States for each month of the years 1944 through 1949, computed on an annual basis, are given in table CS.

The figures reveal that the postwar increase in marriage licenses began in the middle of 1945 and continued through 1946. Rates for each month of 1946, except December, were the highest for that month in the 6-year period. Starting with December of 1946, marriage license rates declined for 37 consecutive months when compared with corresponding rates for the previous year.

Except in 1945, the highest rate for any month was recorded in June of each year. Lowest monthly rates for each year were recorded in March, except in 1948, when the rate for February was lowest. In 1945, the lowest rates were recorded in both February and March. Except in 1945, also, a minor peak in marriage license rates occurred in August or September of each year.

TABLE CS.—MARRIAGE LICENSE RATES BY MONTH: UNITED STATES, 1944-49

(Rates on an annual basis per 1,000 estimated midyear population excluding armed forces overseas)

MONTH	1949	1948	1947	1946	1945	1944
TOTAL	10.8	12.5	14.1	16.5	12.4	11.1
January	9.0	10.5	12.4	15.2	10.4	10.3
February	9.5	9.7	12.6	16.5	10.3	10.8
March	8.3	10.6	11.4	14.3	10.3	10.2
April	10.6	11.7	13.5	16.1	10.4	11.4
May	11.1	12.6	14.8	17.0	11.0	11.1
June	15.2	17.9	19.3	21.7	13.8	13.2
July	10.8	13.0	13.4	15.6	12.1	10.7
August	12.4	14.2	15.2	19.1	12.5	10.8
September	12.1	14.3	15.6	17.1	12.7	11.2
October	10.5	12.2	13.7	15.6	13.6	10.8
November	10.2	12.1	13.5	16.2	15.0	10.8
December	10.4	11.7	13.3	15.1	16.5	11.5

⁵⁴Monthly figures on marriages for the United States are not available. A comparison of the annual totals of marriages and marriage licenses indicates a difference of 1 to 2 percent between the figures. See table C, p. 15, in "Summary of Marriage and Divorce Statistics: United States, 1949," National Office of Vital Statistics, Vital Statistics—Special Reports, vol. 36, No. 2, 1951.

DIVORCE STATISTICS

The total number of divorces in the United States in 1949, estimated at 397,000, was only 2.7 percent below the estimated figure of 408,000 divorces in 1948.⁵⁵ Although it was the smallest number in 6 years, it exceeded annual totals for all years prior to 1944.

The crude divorce rate for 1949 of 2.7 per 1,000 population excluding the armed forces overseas was quite close to the rate for the previous year of 2.8 divorces per 1,000 population.

Divorce trend

A time series of numbers of divorces, crude divorce rates, and estimated midyear populations, for the years 1867 through 1949, is presented in table CT.

There was a steady and almost uninterrupted rise in crude divorce rates over the 83-year period covered. Except in 10 fairly scattered years, the rate for each year either equaled or exceeded that for the previous year. While the changes in divorce rates in the years from 1867 through 1912 were small, they were consistently upward, and during the period the rate rose from 0.3 per 1,000 population in 1867 to 1.0 per 1,000 in 1912.

⁵⁵For method of estimating divorces since 1940, *ibid.*, pp. 17, 18.

TABLE CT.—DIVORCES AND CRUDE DIVORCE RATES: UNITED STATES, 1867-1949
(Includes reported annulments. Rates per 1,000 estimated midyear population)

YEAR	Estimated midyear population ¹	DIVORCES ²		YEAR	Estimated midyear population ¹	DIVORCES ²	
		Number	Rate			Number	Rate
1948	148,556,000	397,000	2.7	1907	87,000,271	76,571	0.9
1948	146,045,000	408,000	2.8	1906	85,436,556	72,062	0.8
1947	143,375,000	483,000	3.4	1905	83,819,666	67,976	0.8
1946	141,598,000	610,000	4.3	1904	82,164,974	66,139	0.8
1945	139,354,000	485,000	3.5	1903	80,632,152	64,925	0.8
1944	138,390,000	400,000	2.9	1902	79,160,196	61,480	0.8
1943	136,719,000	359,000	2.6	1901	77,565,128	60,934	0.8
1942	134,331,000	321,000	2.4	1900	76,094,134	55,751	0.7
1941	133,577,000	295,000	2.2	1899	74,788,612	51,437	0.7
1940	132,114,000	264,000	2.0	1898	73,435,926	47,849	0.7
1939	130,879,718	251,000	1.9	1897	72,189,240	44,699	0.6
1938	129,324,939	244,000	1.9	1896	70,834,554	42,937	0.6
1937	128,324,829	249,000	1.9	1895	69,579,866	40,387	0.6
1936	126,055,160	236,000	1.8	1894	68,275,182	37,568	0.6
1935	127,250,232	218,000	1.7	1893	66,970,496	37,468	0.6
1934	126,373,773	204,000	1.6	1892	65,665,810	36,879	0.6
1933	125,378,765	185,000	1.5	1891	64,361,124	35,540	0.5
1932	124,340,471	164,241	1.3	1890	63,056,438	33,461	0.5
1931	124,039,649	188,053	1.5	1889	61,775,121	31,735	0.5
1930	123,076,741	195,961	1.6	1888	60,495,927	28,669	0.5
1929	121,769,939	205,876	1.7	1887	59,216,733	27,919	0.5
1928	120,501,115	200,176	1.7	1886	57,937,540	25,535	0.4
1927	119,039,062	196,292	1.7	1885	56,658,347	23,472	0.4
1926	117,599,225	184,678	1.6	1884	55,379,154	22,994	0.4
1925	115,831,963	175,449	1.5	1883	54,099,961	23,198	0.4
1924	114,113,463	170,952	1.5	1882	52,820,768	22,112	0.4
1923	111,949,945	165,086	1.5	1881	51,541,575	20,762	0.4
1922	110,054,778	149,818	1.4	1880	50,262,382	19,663	0.4
1921	108,541,489	159,580	1.5	1879	48,983,189	17,083	0.3
1920	106,466,420	170,505	1.6	1878	48,174,461	16,089	0.3
1919	105,062,747	141,527	1.3	1877	47,140,727	15,687	0.3
1918	104,549,886	116,254	1.1	1876	46,106,994	14,800	0.3
1917	103,413,743	121,564	1.2	1875	45,073,260	14,212	0.3
1916	101,965,984	114,000	1.1	1874	44,039,527	13,989	0.3
1915	100,549,013	104,298	1.0	1873	43,005,794	13,156	0.3
1914	99,117,567	100,584	1.0				
1913	97,226,614	91,307	0.9	1872	41,972,060	12,390	0.3
1912	95,331,300	94,318	1.0	1871	40,938,327	11,596	0.3
1911	93,867,614	89,219	1.0	1870	39,904,593	10,962	0.3
1910	92,404,536	83,045	0.9	1869	38,870,859	10,328	0.3
1909	90,491,525	79,671	0.9	1868	37,837,125	10,150	0.3
1908	88,708,976	76,852	0.9	1867	37,375,703	9,937	0.3

¹For 1947-49, excludes armed forces overseas; for 1940-46 and 1917-19, includes armed forces overseas.

²Includes estimates; for sources of data, see table C, p. VIII.

The rate for 1913 was the first to break the steady upward climb although the decrease in 1913 amounted to a rate difference of only 0.1. In subsequent years a few additional decreases were recorded but the changes were small and unsustained, and by 1944 the crude divorce rate had reached 2.9 per 1,000 population.

TABLE CU.—DIVORCES AND CRUDE DIVORCE RATES: UNITED STATES, BY DIVISION AND STATE, 1948 AND 1949

(By place of occurrence. Includes reported annulments. Rates per 1,000 estimated midyear population present in area)

AREA	DIVORCES			
	Number		Rate	
	1949	1948	1949	1948
UNITED STATES ¹ -----	397,000	408,000	2.7	2.8
GEOGRAPHIC DIVISIONS				
New England-----	14,411	15,357	1.5	1.7
Middle Atlantic-----	---	---	---	---
East North Central-----	---	---	---	---
West North Central-----	32,518	32,661	2.4	2.4
South Atlantic-----	---	---	---	---
East South Central-----	---	---	---	---
West South Central-----	---	---	---	---
Mountain-----	---	---	---	---
Pacific-----	---	56,852	---	4.0
NEW ENGLAND				
Maine-----	2,107	2,260	2.3	2.6
New Hampshire-----	1,062	1,260	2.0	2.5
Vermont-----	565	520	1.5	1.5
Massachusetts-----	6,855	7,653	1.4	1.6
Rhode Island-----	1,011	817	1.3	1.0
Connecticut-----	2,811	2,847	1.4	1.4
MIDDLE ATLANTIC				
New York-----	---	---	---	---
New Jersey-----	5,926	6,931	1.2	1.5
Pennsylvania-----	13,571	13,857	1.3	1.4
EAST NORTH CENTRAL				
Ohio ² -----	23,000	25,800	2.9	3.2
Indiana-----	---	---	---	---
Illinois-----	23,791	---	2.8	---
Michigan-----	16,274	16,017	2.6	2.6
Wisconsin-----	4,815	5,075	1.4	1.6
WEST NORTH CENTRAL				
Minnesota-----	4,195	4,678	1.4	1.6
Iowa-----	5,482	5,609	2.1	2.3
Missouri ¹ -----	14,000	12,200	3.6	3.2
North Dakota-----	633	692	1.1	1.2
South Dakota-----	921	1,030	1.5	1.7
Nebraska-----	2,587	2,752	2.0	2.2
Kansas ¹ -----	4,500	5,700	2.4	3.2
SOUTH ATLANTIC				
Delaware-----	921	415	2.6	1.3
Maryland-----	4,919	5,999	2.1	2.6
District of Columbia-----	1,586	1,955	1.9	2.2
Virginia-----	6,167	7,081	1.9	2.2
West Virginia-----	---	---	---	---
North Carolina-----	---	---	---	---
South Carolina-----	(²)	---	---	(²)
Georgia-----	---	---	---	---
Florida-----	17,610	18,015	6.6	6.9
EAST SOUTH CENTRAL				
Kentucky-----	---	---	---	---
Tennessee-----	7,477	8,292	2.3	2.6
Alabama-----	8,562	9,699	2.9	3.2
Mississippi-----	6,285	6,697	3.0	3.3
WEST SOUTH CENTRAL				
Arkansas-----	2,900	8,905	3.3	4.9
Louisiana-----	---	---	---	---
Oklahoma-----	---	---	---	---
Texas-----	38,027	39,587	5.0	5.2
MOUNTAIN				
Montana-----	1,935	2,090	3.5	3.9
Idaho-----	2,775	3,190	4.8	5.8
Wyoming-----	1,211	1,246	4.4	4.6
Colorado-----	---	---	---	---
New Mexico-----	2,884	2,631	4.6	4.4
Arizona-----	4,478	---	6.2	---
Utah-----	2,166	2,199	3.2	3.3
Nevada ² -----	10,800	11,000	67.9	69.2
PACIFIC				
Washington-----	---	8,105	---	3.5
Oregon-----	6,274	6,405	4.2	4.3
California-----	38,440	42,342	3.7	4.0

¹Estimated.

²No divorces permitted until 1949. Figures on annulments not available.

Starting with 1945, changes in divorce rates in both directions were more abrupt than in previous years. In 1946, the crude divorce rate increased almost one-third reaching a peak of 4.3 divorces per 1,000 population, and by 1949 it had dropped almost two-fifths to a rate of 2.7 per 1,000 population for that year.

Divorces by State

Numbers of divorces and crude rates for 37 States for 1948 and 38 States for 1949 (including the District of Columbia) are presented in table CU. Annulments are included with divorces in those States for which they were reported.

The largest number of divorces for any State in 1949 was 38,440 in California and the smallest, 565 in Vermont. One-half of all divorces in 1949 were granted in 9 States, of which 2 accounted for one-fifth of the total. Of the 36 areas for which figures were available for 1948 and for 1949, 29 reported a smaller number of divorces for 1949.

Crude divorce rates for 1949 ranged from 67.9 per 1,000 population in Nevada to 1.1 per 1,000 in North Dakota. It is a statutory requirement in all States that one or both parties maintain legal residence in the State where the divorce is sought. However, the prescribed durations of residence vary widely and, in general, divorce rates were found to be highest in States having minimum requirements. Among other factors which may affect crude divorce rates are the prevailing social attitudes, grounds on which divorces may be granted, and dispositions of individual judges.

Marriage-divorce ratio

Changes in the marriage-divorce ratio over the 83-year period covered indicate that there has been a much larger relative increase in divorces than in marriages. The data in tables CO and CT reveal a ratio of 36 to 1 in 1867, of 13

to 1 in 1900, of 3 to 1 in 1945, and of 4 to 1 in each year from 1946 through 1949.

The marriage-divorce ratio depicts the relationship between these two events occurring in the same year. It does not measure the proportions of all marriages which terminate or are likely to terminate in divorce.

Duration of marriage

There are presented in table CW data on years of duration of marriages prior to divorce and median years of duration for 12 States for 1949. Years of duration were computed by most States by subtracting day, month, and year of marriage from day, month, and year of divorce, but in 2 States, only the years were subtracted. If both methods are applied to the same group of data they could result in a difference of 1 year in the computed durations for individual cases. The data in table CW seem to indicate that the effect of this difference in procedure is most marked in marriages of less than 1 year's duration.

The median duration of marriages ending in divorce for all 12 States ranged from 4.4 years in Iowa and Tennessee to 9.4 years in Connecticut. The median duration for the 12 States combined was 6.3 years.

The modal years of duration for 11 of the 12 States occurred in the first 5 years of marriage. In 4 States, the largest numbers of divorces were granted in the second year of marriage; in 4 States, in the third year; and in 3 States, in the fourth year. In 1 State (Connecticut) the seventh year of marriage was the modal year.

The duration of marriages prior to divorce is affected by various sociologic, economic, and demographic factors. In addition, legal requirements for divorce, number of courts in session, and load on court calendars may also have an important influence.

TABLE CW.—DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGES: 12 REPORTING STATES, 1949

(By place of occurrence. Unless otherwise specified, duration computed by subtracting day, month, and year of marriage from day, month, and year of divorce)

DURATION IN YEARS	Total	Connecticut ¹	Florida	Iowa	Massachusetts ²	Michigan ¹	Mississippi	Nebraska	New Hampshire	Oregon	South Dakota	Tennessee	Virginia
TOTAL-----	80,005	2,811	17,810	5,482	6,855	16,274	6,285	2,587	1,062	6,274	921	7,477	6,187
Median duration-----	6.3	9.4	5.1	4.4	7.9	6.8	5.4	5.8	7.0	4.6	5.1	4.4	8.4
Under 1 year-----	5,124	12	1,445	687	300	319	565	89	39	620	76	684	87
1 year-----	7,518	85	1,841	705	465	1,379	711	279	98	755	154	967	103
2 years-----	8,365	145	1,810	651	590	1,752	714	297	112	791	97	884	524
3 years-----	7,721	182	1,515	554	518	1,611	605	299	101	702	61	763	589
4 years-----	5,410	205	1,100	568	434	1,238	380	208	71	421	67	474	446
5 years-----	4,377	154	1,046	217	392	892	341	148	58	315	44	387	383
6 years-----	4,202	155	953	254	398	858	341	149	54	258	37	337	428
7 years-----	4,041	223	929	209	376	631	282	127	64	274	32	301	394
8 years-----	3,421	196	735	164	320	754	254	95	54	235	28	284	333
9 years-----	3,002	149	647	164	286	668	211	91	46	176	33	230	303
10 years-----		112	515	149	272	474	170	79	58	158	20	186	
11 years-----		88	474	111	250	416	162	61	25	132	25	165	
12 years-----	10,475	114	447	123	222	486	152	53	26	143	18	163	1,099
13 years-----		115	407	117	219	422	132	54	27	146	17	133	
14 years-----		93	328	100	192	372	126	45	28	141	15	139	
15 years-----		85	337	93	145	360	95	35	20	92	10	97	
16 years-----		64	278	62	146	263	88	37	18	100	6	86	
17 years-----	6,104	61	262	58	124	241	84	30	18	68	18	91	592
18 years-----		58	216	69	135	221	65	27	10	78	20	77	
19 years-----		40	256	52	126	239	78	43	12	58	9	67	
20-24 years-----	4,612	240	1,005	259	470	1,019	328	153	63	285	68	319	425
25-29 years-----	2,789	124	594	185	261	654	181	97	41	167	54	194	257
30-34 years-----	1,548	75	296	86	123	304	96	56	24	76	12	81	121
35-39 years-----	665	33	169	40	62	140	39	24	7	47	9	51	44
40 years and over-----	411	23	106	23	29	83	34	13	7	29	8	21	35
Not stated-----	420	1	98	7	-	80	61	-	1	47	3	98	4

¹Duration computed by subtracting year of marriage from year of divorce; see text above.
²Duration of marriage stated by the courts on form returned to State Division of Vital Statistics.

STANDARD CERTIFICATES OF LIVE BIRTH, DEATH, AND FETAL DEATH (STILLBIRTH)

The standard certificates of live birth, death, and fetal death (stillbirth) in effect in 1949 were officially recommended by the National Office of Vital Statistics. While the official certificates adopted by the various States do not follow the standard certificates in every detail, they do correspond in most cases very closely with both the form and content of

the standard certificates.

Both the 1949 and 1939 revisions of the standard certificates are reproduced here to permit comparison. These certificates, as modified by the individual States, are the basic sources of national vital statistics tabulations.

1939 Revision

FEDERAL SECURITY AGENCY PUBLIC HEALTH SERVICE		STANDARD CERTIFICATE OF LIVE BIRTH		State File No. _____ Registrar's No. _____
State of _____				
1. PLACE OF BIRTH: (a) County _____ (b) City or town _____ <small>(If outside city or town limits, write EXTRAJ)</small> (c) Name of hospital or institution: _____ <small>(If not in hospital or institution, give street number or location)</small> (d) Mother's stay before delivery: _____ In hospital or institution _____ In this community _____ <small>(Specify whether years, months, or days)</small>		2. USUAL RESIDENCE OF MOTHER: (a) State _____ (b) County _____ (c) City or town _____ <small>(If outside city or town limits, write EXTRAJ)</small> (d) Street No. _____ <small>(If rural, give location)</small>		
3. Full name of child _____		4. Date of birth _____ <small>(Month) (Day) (Year)</small>		
5. Sex: _____	6. Twin or triplet _____ If so—born 1st, 2d, or 3d _____	7. Number months of pregnancy _____	8. Is mother married? _____	
FATHER OF CHILD		MOTHER OF CHILD		
9. Full name _____ 10. Color or race _____ 11. Age at time of this birth _____ yrs. 12. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 13. Usual occupation _____ 14. Industry or business _____		15. Full maiden name _____ 16. Color or race _____ 17. Age at time of this birth _____ yrs. 18. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 19. Usual occupation _____ 20. Industry or business _____		
21. Children born to this mother: (a) How many other children of this mother are now living? _____ (b) How many other children were born alive but are now dead? _____ (c) How many children were born dead? _____		22. Mother's mailing address for registration notice: _____ _____ _____		
23. I hereby certify that I attended the birth of this child who was born alive at the hour of _____ m. on the date above stated and that the information given was furnished by _____ related to this child as _____				
24. Date received by local registrar _____		Attendant's own signature _____		
25. Registrar's own signature _____		M. D., midwife, or other _____ Date signed _____		
26. Date on which given name added _____ by _____ <small>(Registrar)</small>		Address _____		

1949 Revision

STATE OF		BIRTH NO.	
1. PLACE OF BIRTH a. COUNTY		2. USUAL RESIDENCE OF MOTHER (Where does mother live?) a. STATE b. COUNTY	
b. CITY (If outside corporate limits, write RURAL and give township) OR TOWN		c. CITY (If outside corporate limits, write RURAL and give township) OR TOWN	
c. FULL NAME OF HOSPITAL OR INSTITUTION (If NOT in hospital or institution, give street address or location)		d. STREET ADDRESS (If rural, give location)	
3. CHILD'S NAME (Type or print)			
a. (First)		b. (Middle)	c. (Last)
4. SEX	5a. THIS BIRTH SINGLE <input type="checkbox"/> TWIN <input type="checkbox"/> TRIPLET <input type="checkbox"/>	5b. IF TWIN OR TRIPLET (This child born) 1ST <input type="checkbox"/> 2ND <input type="checkbox"/> 3RD <input type="checkbox"/>	6. DATE OF BIRTH (Month) (Day) (Year)
FATHER OF CHILD			
7. FULL NAME a. (First)		b. (Middle)	c. (Last)
8. COLOR OR RACE			
9. AGE (At time of this birth) YEARS	10. BIRTHPLACE (State or foreign country)	11a. USUAL OCCUPATION	11b. KIND OF BUSINESS OR INDUSTRY
MOTHER OF CHILD			
12. FULL MAIDEN NAME a. (First)		b. (Middle)	c. (Last)
13. COLOR OR RACE			
14. AGE (At time of this birth) YEARS	15. BIRTHPLACE (State or foreign country)	16. CHILDREN PREVIOUSLY BORN TO THIS MOTHER (Do NOT include this child)	
17. INFORMANT		a. How many OTHER children are now living?	b. How many OTHER children were born alive but are now dead?
c. How many children were stillborn (born dead after 20 weeks pregnancy)?			
I hereby certify that this child was born alive on the date stated above.		18a. SIGNATURE	
18c. ADDRESS		18b. ATTENDANT AT BIRTH M. D. <input type="checkbox"/> MIDWIFE <input type="checkbox"/> OTHER (Specify)	
		18d. DATE SIGNED	
19. DATE REC'D BY LOCAL REG.	20. REGISTRAR'S SIGNATURE		21. DATE ON WHICH GIVEN NAME ADDED BY (Registrar)
FOR MEDICAL AND HEALTH USE ONLY (This section MUST be filled out)			
22a. LENGTH OF PREGNANCY WEEKS	22b. WEIGHT AT BIRTH LBS. OZS.	23. LEGITIMATE YES <input type="checkbox"/> NO <input type="checkbox"/>	
(SPACE FOR ADDITION OF MEDICAL AND HEALTH ITEMS BY INDIVIDUAL STATES)			

1939 Revision

FEDERAL SECURITY AGENCY
PUBLIC HEALTH SERVICE

STANDARD CERTIFICATE OF DEATH

State File No. _____
Registrar's No. _____

State of _____

<p>1. PLACE OF DEATH:</p> <p>(a) County _____</p> <p>(b) City or town _____ <small>(If outside city or town limits, write RURAL)</small></p> <p>(c) Name of hospital or institution: _____</p> <p>(d) Length of stay: In hospital or institution _____ <small>(If not in hospital or institution, write street number or location)</small> In this community _____ <small>(Specify whether years, months or days)</small></p>	<p>2. USUAL RESIDENCE OF DECEASED:</p> <p>(a) State _____ (b) County _____</p> <p>(c) City or town _____ <small>(If outside city or town limits, write RURAL)</small></p> <p>(d) Street No. _____ <small>(If rural, give location)</small></p> <p>(e) If foreign born, how long in U. S. A.? _____ years.</p>
--	--

<p>3. (a) FULL NAME _____</p> <p>3. (b) If veteran, name war _____</p> <p>3. (c) Social Security No. _____</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">4. Sex _____</td> <td style="width: 25%;">5. Color or race _____</td> <td style="width: 50%;">6. (a) Single, widowed, married, divorced _____</td> </tr> <tr> <td colspan="2">6. (b) Name of husband or wife _____</td> <td>6. (c) Age of husband or wife if alive _____ years</td> </tr> </table> <p>7. Birth date of deceased _____ <small>(Month) (Day) (Year)</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">8. AGE: Years _____</td> <td style="width: 12.5%;">Months _____</td> <td style="width: 12.5%;">Days _____</td> <td style="width: 50%;">If less than one day hr. _____ min. _____</td> </tr> </table> <p>9. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small></p> <p>10. Usual occupation _____</p> <p>11. Industry or business _____</p> <p>MOTHER { 12. Name _____</p> <p>13. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small></p> <p>14. Maiden name _____</p> <p>15. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small></p> <p>15. (a) Informant's own signature _____</p> <p>(b) Address _____</p> <p>17. (a) _____ (b) Date thereof _____ <small>(Month) (Day) (Year)</small></p> <p>(c) Place; burial or cremation _____</p> <p>18. (a) Signature of funeral director _____</p> <p>(b) Address _____</p> <p>19. (a) _____ (b) _____ <small>(Date received local registration) (Registrar's signature)</small></p>	4. Sex _____	5. Color or race _____	6. (a) Single, widowed, married, divorced _____	6. (b) Name of husband or wife _____		6. (c) Age of husband or wife if alive _____ years	8. AGE: Years _____	Months _____	Days _____	If less than one day hr. _____ min. _____	<p style="text-align: center;">MEDICAL CERTIFICATION</p> <p>20. Date of death: Month _____ day _____ year _____ hour _____ minute _____</p> <p>21. I hereby certify that I attended the deceased from _____, 19____, to _____, 19____: that I last saw h_____ alive on _____, 19____: and that death occurred on the date and hour stated above.</p> <p>Immediate cause of death _____</p> <p>Due to _____</p> <p>Due to _____</p> <p>Other conditions _____ <small>(Exclude pregnancy within 3 months of death)</small></p> <p>Major findings: Of operations _____</p> <p>Of autopsy _____</p> <p>22. If death was due to external causes, fill in the following: (a) Accident, suicide, or homicide (specify) _____ (b) Date of occurrence _____ (c) Where did injury occur? _____ <small>(City or town) (County) (State)</small> (d) Did injury occur in or about home, on farm, in industrial place, in public place? _____ While at work? _____ <small>(Specify type of place)</small> (e) Means of injury _____</p> <p>23. Signature _____ (M. D. or other) _____ Address _____ Date signed _____</p>
4. Sex _____	5. Color or race _____	6. (a) Single, widowed, married, divorced _____									
6. (b) Name of husband or wife _____		6. (c) Age of husband or wife if alive _____ years									
8. AGE: Years _____	Months _____	Days _____	If less than one day hr. _____ min. _____								

PHYSICIAN

Underline the cause to which death should be charged statistically.

1939 Revision

FEDERAL SECURITY AGENCY PUBLIC HEALTH SERVICE		STANDARD CERTIFICATE OF STILLBIRTH		State File No. _____ Registrar's No. _____
State of _____				
1. PLACE OF STILLBIRTH: (a) County _____ (b) City or town _____ <small>(If outside city or town limits, write RURAL.)</small> (c) Name of hospital or institution: _____ <small>(If not in hospital or institution give street number or location)</small> (d) Mother's stay before delivery in hospital or institution _____ <small>(Specify whether years, months, or days)</small>			2. USUAL RESIDENCE OF MOTHER: (a) State _____ (b) County _____ (c) City or town _____ <small>(If outside city or town limits, write RURAL.)</small> (d) Street No. _____ <small>(If rural, give location)</small>	
3. Full name of child _____			4. Date of birth _____ <small>(Month) (Day) (Year)</small>	
5. Sex: _____	6. Twin or triplet _____ If so—born 1st, 2d, or 3d	7. Number months of pregnancy _____	8. Is mother married? _____	
FATHER OF CHILD			MOTHER OF CHILD	
9. Full name _____ 10. Color or race _____ 11. Age at time of this birth _____ yrs. 12. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 13. Usual occupation _____ 14. Industry or business _____			15. Full maiden name _____ 16. Color or race _____ 17. Age at time of this birth _____ yrs. 18. Birthplace _____ <small>(City, town, or county) (State or foreign country)</small> 19. Usual occupation _____ 20. Industry or business _____	
21. Children born to this mother: (a) How many children of this mother are now living? _____ (b) How many children were born alive but are now dead? _____ (c) How many other children were born dead? _____			22. Mother's usual mailing address _____ _____ _____	
23. Did child die before labor? _____ During labor? _____ 24. Pregnancy, complications of _____ 25. Labor: (a) Complications of _____ <small>(b) Induced? _____</small> 26 (a) Was there an operation for delivery? _____ <small>(b) State all operations, if any _____ (Yes or no)</small> (c) Did child die before operation? _____ or during operation? _____			27. Cause of stillbirth (state only morbid conditions causing fetal death. Do not use such terms as prematurity, asphyxia, etc.): (a) Fetal causes _____ (b) Maternal causes _____ 28. I hereby certify that I attended the birth of this child who was born dead at the hour of _____ m. on the date above stated. Signature _____ <small>(Specify if M. D., midwife, or other)</small> Address _____	
29 (a) Informant _____ (b) Address _____ 30 (a) Burial, cremation, or removal _____ (b) Date _____ <small>(c) Place of burial or cremation _____ (Month, day, year)</small> 31 (a) Signature of funeral director _____ (b) Address _____			32 (a) Statement of local registrar or coroner if physician was not present at stillbirth _____ _____ (b) Signature _____ Title _____ 33. Date filed with local registrar _____ 34. Registrar's own signature _____	

GUIDE TO 1949
MORTALITY

Tabulation number	AREA	GEOGRAPHIC LOCATION							CAUSE OF DEATH Sixth Revision of the International Lists, 1948						
		State		Each urban place of 10,000+. Totals by county for urban places under 10,000 and rural areas		Population groups			Resident status	Each three-digit and selected four-digit categories (see table XIII)	254 selected causes	64 selected causes	32 selected causes	Infant, 45 selected causes	Four-digit categories
						Urban places of 250,000+, 100,000-250,000, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural		Urban places of 100,000+, 25,000-100,000, 10,000-25,000, 2,500-10,000; rural							
		Occurrence	Residence	Occurrence	Residence	Residence	Occurrence	Residence	8	9	10	11	12	13	14
1	2	3	4	5	6	7									
*1a	Each State	X		X				X	X ¹				a		
*1b	Each State (nonresidents only)		X		X				X ²				a		
*2	Each State	X	X						X ³	X					
*3	Each State (infants)		X						a				X		
4	United States (infants under 1 day)												X		
*5	Each State (infants)		X		X										
*6	Each State		X								X				
*7	United States								b	X				d	
8	Each State					X									

*Data available in summary punched cards. For tabulation number 2, data are available for an extended cause-of-death list. See Vital Statistics Instruction Manual, Part III, 1549. ¹Residents, nonresidents (intrastate and interstate). ²Intrastate and interstate nonresidents.

NATALITY

Tabulation number	AREA	GEOGRAPHIC LOCATION							AGE			RACE				
		State		Each urban place of 10,000+. Totals by county for urban places under 10,000 and rural areas		Population groups			Resident status	Mother		Father		White, non-white	White, Negro, other	Indian, Chinese, Japanese, other
						Urban, rural		Under 15, 15-49 by 5-year age groups, 50+, and not stated		Under 15, single units of age, and not stated	Under 15, 15-49 by 5-year age groups, 55+, and not stated					
		Occurrence	Residence	Occurrence	Residence	Occurrence	Residence	Occurrence	Residence							
1	2	3	4	5	6	7	8	9	10	11	12	13	14			
*1a	Each State	X		X		X			X ¹	a			a,e,f	b		
*1b	Each State (nonresidents only)		X		X	X			X ²	a			a,d,e,f	b		
*2a	Each State	X				a			X ⁴		X	b		X	c	
*2b	Each State (nonresidents only)		X			a					X	b		X	c	
3	Each State (nonresidents only)	X	a											X		
4	United States (plural births)									a				X		
5	Each State (plural births)		X											a		

*Data available in summary punched cards. ¹Residents, nonresidents (intrastate and interstate). ²Legitimacy not reported for the following States: Arizona, Arkansas, California, Colorado, Connecticut, Idaho, Maryland, Massachusetts, Nebraska, New Hampshire, New Mexico, New York, and Oklahoma. In addition, legitimacy data not reported for Massachusetts.

FETAL DEATH (STILLBIRTH)

1	Each State and New York City ¹	X													
2	Each State	X	a							b	c ²				
*3	Each State		X		X						X ³			a,c	
4	United States							X				X			
5	Each urban place of 100,000+	X												a	
6	Each State		X									a		X	

*Data available in summary cards. ¹Includes all fetal death cards; all other tabulations include only fetal death cards for which period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated. ²Period of gestation not reported for Massachusetts. ³Residents, nonresidents (intrastate and interstate). ⁴Number of children not reported for Massachusetts.

NOTES.—The National Office of Vital Statistics tabulates a large volume of statistical material. Since only the tabulations that seem most important or of general interest can be published, only a fraction of the data available is ever printed. Nevertheless, the unpublished data are available to research workers and to many others having specialized interests. The above tabular index is printed here for the use of those persons who may need certain statistical data which have not been published. It is relatively simple and describes completely all of the natality, mortality, and fetal death tabulations made by the National Office of Vital Statistics for 1949. In the tabular outline of mortality statistics for 1949 (see table), it may be seen that the column headings show all of the different classifications of subject matter used in the general body of data being described. Each tabulation is described separately in each row. The stub of the table shows the basis of tabulation and the number of the tabulation in which data are to be found. The stub also shows the scope of the tabulation under "area" which relates to the punch cards actually included in the tab-

TABULATIONS
TABULATIONS

AGE							RACE			INSTITUTION			Autopsy performed, not performed, and not stated	Tabulation number		
Under 1 year, single years to 4, 5-year age groups to 99, 100+, and not stated	Under 1 year, 1-4, 5-14, 15-24, 25-34, 35-44, 45-54, 55-64, 65-74, 75-84, 85+, and not stated	Under 15 years, 5-year age groups to 64, 65+, and not stated	Under 28 days, 28 days to 11 months, 1-4 years, 5-14, 15-24, 25-44, 45-84, 65-74, 75-84, 85+, and not stated	Under 1 day, 1, 2, 3, 4, 5, 6, 7-13, 14-20, 21-27 days, 1 month, 2 months, ... 11 months	Under 28 days and over	1 hour, 2, 3, 4, 5, 6, ... 23 hours, not stated	White, non-white	White, Negro, other	White, Negro, Indian, Chinese, Japanese, other	Sex	Month of death	Marital status			Type of service	Not in institutions, in hospitals, and in other institutions
15	16	17	18 ^a	19	20	21	22	23	24	25	26	27	28	29	30	
			b				X			b			c			*1a
			b				X			b			c			*1b
a								X		X	b		c	d	d	*2
				X				X		b	c		d			*3
						a	X			X						4
					a,b		a			b						*5
		a					a			a		X				*6
	c						a			a,c						*7
a							X			X						8

^aResidents (including intrastate nonresidents); interstate nonresidents.

TABULATIONS

MARRIAGE		Sex of child	Month of birth	Person in attendance	Period of gestation	Illegitimate; and legitimate and not stated	Legitimate; illegitimate; and not stated	NUMBER OF CHILDREN				Previous fetal death (stillbirth), no previous fetal death (stillbirth)	EDUCAL BIRTHS		Tabulation number
White mother	Father							Born alive		Ever born			Number born alive	Number of mates	
								1, 2, 3, ... 8+, not stated	1, 2, 3, ... 17+, not stated	1, 2, 3, ... 17+, not stated	1, 2, 3, ... 10+, not stated				
		c		d		e ^a		f							*1a
		c		d		e ^a		f							*1b
X	d	X	e				f ²		g ³						*2a
X	d	X	e				f ²		g ³						*2b
															3
											X	X			4
											X	X			5

tabulated for Pennsylvania because of lack of comparability with preceding years.

³Intrastate and interstate nonresidents.

^aResidents (including intrastate nonresidents); interstate nonresidents.

²Number of children not reported for Massachusetts.

TABULATIONS

						a ²									1
															2
			b	c											*3
		X							a ⁴		X				4
															5
										b					6

ulation. The notations in this column indicate whether the tabulation was made for each State or for the entire United States, for urban places having populations of 100,000 or more in each State, or for infant deaths only. In other words "area" designates the segment of the population for which the tabulation was made.

The many interrelations of data within this framework are shown by simple notations. In the horizontal rows for each tabulation, and under each subject-classification are placed the proper alphabetical notations which indicate the interrelations within the particular tabulation. Within each tabulation, subjects noted by X are cross-tabulated with each other and with all lettered subjects; for example, in mortality tabulation 3 (see table) infant deaths for each State (by place of residence) are tabulated by cause of death and the cause groups in turn are cross-tabulated by age and race. The resulting cause-age-race groups are then tabulated by population-size groups, by sex, by month of death, and by type of service in institution. However, the lettered subjects (population-size group, sex, month of death, and type of institution) are not cross-tabulated with each other.

The only exception to this general principle is the case where two or more lettered subjects are cross-tabulated with each other but are not crossed with other lettered subjects in the tabulation. In such cases, the same letter is used to indicate these subjects which are cross-tabulated. For example, in natality tabulation 1a race is cross-classified with attendant and legitimacy. However, attendant and legitimacy are not cross-classified with each other. All of the lettered subjects are cross-tabulated with place of occurrence, population-size group, and resident status, each of which is indicated by X.

SUMMARY AND RATE TABLES

(1)

VITAL STATISTICS OF THE UNITED STATES

TABLE I.—CRUDE BIRTH RATES BY PLACE OF OCCURRENCE:

(Rates based on live births per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

AREA	1949 ¹	1948 ¹	1947 ¹	1946 ²	1945 ²	1944 ²	1943 ²	1942 ²	1941 ²	1940 ²	1939	1938	1937	1936
1 UNITED STATES (birth-registration States)-----	24.0	24.2	25.8	23.3	19.5	20.2	21.5	20.8	18.8	17.9	17.3	17.6	17.1	16.7
GEOGRAPHIC DIVISIONS														
2 New England-----	20.9	21.7	24.2	22.0	19.4	19.7	21.6	20.0	16.8	15.7	15.0	14.8	14.7	14.7
3 Middle Atlantic-----	20.8	21.3	23.7	21.7	19.1	18.9	20.5	19.5	16.5	15.3	14.7	15.0	14.7	14.6
4 East North Central-----	23.6	23.4	25.1	22.7	19.5	19.9	21.5	21.0	18.4	17.0	16.4	17.0	16.3	15.8
5 West North Central-----	24.2	24.5	26.0	23.7	21.0	21.6	21.5	20.3	18.6	17.6	17.0	17.1	16.6	16.8
6 South Atlantic-----	26.1	26.5	27.7	25.8	24.6	25.5	26.0	23.7	22.0	20.8	20.4	20.6	20.5	19.9
7 East South Central-----	27.8	28.1	29.3	27.6	25.2	26.5	27.0	24.7	22.6	21.8	21.2	21.9	21.2	20.8
8 West South Central-----	26.1	26.0	26.9	25.7	24.0	25.0	25.5	23.0	21.8	20.0	19.2	19.6	18.7	18.2
9 Mountain-----	28.6	29.1	30.1	27.2	25.5	26.7	26.6	23.7	22.1	22.0	21.4	21.8	21.0	20.4
10 Pacific-----	23.5	23.3	24.5	22.5	20.7	21.4	22.8	20.6	17.3	16.3	15.3	15.4	14.6	13.6
NEW ENGLAND														
11 Maine-----	25.9	24.7	27.6	23.6	21.2	22.5	23.7	21.0	18.7	17.9	17.8	18.2	18.3	18.5
12 New Hampshire-----	25.3	25.2	27.5	23.5	19.3	19.7	21.4	19.6	17.8	17.2	16.2	16.3	16.0	16.1
13 Vermont-----	24.2	25.2	26.3	23.4	20.4	20.6	22.2	20.1	19.4	18.7	17.8	17.7	17.8	18.1
14 Massachusetts-----	20.2	20.8	23.6	21.5	19.0	19.3	21.1	19.6	16.3	15.3	14.5	13.6	14.0	14.0
15 Rhode Island-----	21.8	21.9	24.1	22.5	20.1	20.1	21.3	20.1	16.4	15.2	14.9	15.2	14.8	14.8
16 Connecticut-----	19.9	20.8	23.0	21.5	19.0	19.2	21.9	20.3	16.4	14.7	13.9	14.2	13.7	13.5
MIDDLE ATLANTIC														
17 New York-----	20.5	21.0	23.1	21.3	19.1	18.6	20.0	18.8	15.8	14.6	13.9	14.1	13.8	13.6
18 New Jersey-----	19.8	20.3	22.9	21.3	18.9	18.2	19.9	19.2	15.8	14.1	13.6	13.7	13.3	13.2
19 Pennsylvania-----	21.6	22.3	24.8	22.4	19.2	19.5	21.5	20.4	17.7	16.7	16.4	16.8	16.6	16.4
EAST NORTH CENTRAL														
20 Ohio-----	23.7	23.4	25.4	22.7	19.3	19.6	21.1	20.8	18.2	16.6	15.8	16.4	15.7	15.1
21 Indiana-----	24.4	24.3	25.9	23.6	20.3	21.1	21.9	21.4	19.1	18.1	17.1	17.7	16.5	16.0
22 Illinois-----	21.5	21.4	23.2	21.2	18.1	18.6	20.2	19.6	17.1	15.6	15.0	15.6	14.7	14.4
23 Michigan-----	25.0	25.0	26.5	23.8	20.6	21.1	23.4	23.1	20.1	18.8	18.3	19.2	18.4	18.1
24 Wisconsin-----	24.8	24.8	25.9	23.7	20.8	20.8	21.8	21.0	18.2	17.5	17.4	17.8	17.4	17.2
WEST NORTH CENTRAL														
25 Minnesota-----	25.4	25.5	27.1	24.8	21.5	22.2	23.0	22.1	19.9	19.1	18.2	18.3	17.7	17.6
26 Iowa-----	24.7	24.7	26.8	24.0	20.6	21.2	21.0	20.4	19.0	18.0	17.4	17.4	17.0	17.1
27 Missouri-----	22.4	22.7	24.3	22.3	19.8	20.3	20.8	19.1	17.5	16.4	15.6	15.7	15.2	15.0
28 North Dakota-----	29.0	29.9	31.4	28.6	25.5	26.1	24.3	22.9	21.9	21.0	20.5	20.4	19.6	20.9
29 South Dakota-----	28.1	27.7	28.5	25.8	23.3	23.7	22.7	20.7	19.1	18.2	16.0	18.2	18.1	19.3
30 Nebraska-----	24.5	25.0	25.9	23.0	21.2	21.6	21.0	19.6	17.6	16.9	17.0	17.0	16.8	17.7
31 Kansas-----	22.8	23.3	24.7	22.4	20.7	21.4	20.5	19.5	17.4	16.1	16.0	16.1	15.8	16.1
SOUTH ATLANTIC														
32 Delaware-----	23.7	23.4	25.4	23.3	21.7	22.1	23.5	20.7	18.8	17.2	16.7	17.2	17.2	15.5
33 Maryland-----	21.7	22.3	23.7	21.7	20.4	20.8	22.1	21.0	18.2	16.6	15.8	16.4	15.8	15.3
34 District of Columbia-----	33.0	31.2	31.0	29.3	28.7	28.1	28.1	27.2	24.4	22.6	21.3	20.3	20.0	18.6
35 Virginia-----	23.9	24.3	25.7	23.5	22.8	24.0	24.6	23.4	21.4	20.6	19.6	19.9	19.6	19.5
36 West Virginia-----	27.4	27.7	29.2	26.8	22.8	24.2	24.6	23.5	23.1	22.1	22.0	22.7	22.7	21.9
37 North Carolina-----	27.4	28.6	30.3	28.2	26.5	27.5	28.3	25.7	23.8	22.6	22.4	23.0	23.0	22.4
38 South Carolina-----	29.3	29.5	30.2	28.7	27.3	28.7	30.1	26.1	25.2	23.5	22.6	22.0	21.9	21.3
39 Georgia-----	27.9	28.3	29.0	26.9	25.3	26.1	26.5	23.7	21.9	20.9	20.6	20.7	20.9	20.4
40 Florida-----	22.9	23.3	24.2	23.3	24.5	25.7	24.0	20.4	18.9	17.7	17.6	17.6	17.3	17.0
EAST SOUTH CENTRAL														
41 Kentucky-----	26.7	27.4	28.5	27.1	23.9	25.3	25.5	24.7	22.8	22.4	21.5	22.3	20.5	20.5
42 Tennessee-----	25.7	26.0	27.9	26.1	23.6	25.0	25.5	22.8	20.6	19.0	18.6	19.0	16.6	18.2
43 Alabama-----	27.9	28.4	29.3	27.3	26.2	27.2	26.2	25.3	22.8	22.2	21.7	22.0	22.0	21.5
44 Mississippi-----	32.3	32.0	32.2	31.0	27.6	29.2	29.5	26.6	24.9	24.2	23.8	25.0	24.7	23.5
WEST SOUTH CENTRAL														
45 Arkansas-----	24.9	26.6	27.1	25.9	23.6	24.5	24.4	22.9	21.5	19.7	18.2	19.2	18.4	17.6
46 Louisiana-----	26.6	28.1	28.7	27.3	24.8	26.7	26.7	24.5	22.8	21.5	20.8	21.2	20.1	19.2
47 Oklahoma-----	23.3	23.5	24.6	23.3	21.9	25.2	23.3	22.9	22.5	19.3	18.6	19.0	17.8	17.7
48 Texas-----	26.4	25.9	26.9	25.8	24.5	26.3	26.2	22.5	21.2	19.8	19.1	19.3	18.7	18.1
MOUNTAIN														
49 Montana-----	26.9	27.7	28.7	25.6	22.7	23.5	23.6	22.3	21.0	20.7	19.7	19.6	18.8	19.1
50 Idaho-----	27.5	28.3	30.4	26.7	24.8	25.3	26.2	23.5	22.7	22.4	21.5	22.4	21.0	21.2
51 Wyoming-----	26.7	27.1	27.9	23.2	23.0	24.8	24.4	21.9	20.8	18.5	19.8	20.2	18.7	20.0
52 Colorado-----	26.7	28.0	27.7	25.9	22.9	23.2	23.2	21.2	19.9	18.7	18.6	18.8	18.1	17.1
53 New Mexico-----	33.7	34.9	35.8	33.4	32.1	33.5	31.6	27.1	27.9	27.6	27.2	27.8	27.5	26.3
54 Arizona-----	26.3	27.8	28.4	26.3	26.3	26.5	26.5	23.7	22.3	23.1	22.2	22.4	21.9	20.1
55 Utah-----	31.5	31.6	33.6	29.0	27.5	29.2	30.8	27.9	24.6	24.6	24.0	24.8	24.0	23.8
56 Nevada-----	23.9	23.6	27.4	23.7	26.4	25.8	24.6	21.7	18.5	18.4	18.0	17.9	16.8	13.9
PACIFIC														
57 Washington-----	24.3	24.5	26.1	23.5	21.1	22.0	23.6	21.6	17.7	16.3	15.6	15.9	15.1	14.4
58 Oregon-----	23.6	23.7	24.7	21.7	19.0	19.6	22.4	20.0	17.0	16.2	15.5	15.3	14.8	13.6
58 California-----	23.2	23.0	24.1	22.4	20.9	21.6	22.6	20.4	17.3	16.2	15.3	15.3	14.5	13.3

¹Rates for all areas based on total population present in area.²Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates on civilian population base were: 23.8 (1946); 21.4 (1945); 22.1 (1944); 23.0 (1943); 21.5 (1942); 19.1 (1941); 17.9 (1940).

NOTE.—For discussion of population base, see section on "Population estimates" in text.

SUMMARY AND RATE TABLES

UNITED STATES, EACH DIVISION AND STATE, 1915-49

birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area

1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915		
16.9	17.2	16.6	17.4	18.0	18.9	18.8	19.7	20.5	20.5	21.3	22.2	22.1	22.3	24.2	23.7	22.4	24.7	24.5	24.9	25.0	1	
15.0	15.3	15.2	16.3	16.8	17.8	17.8	18.9	19.4	19.8	20.7	22.2	21.7	21.9	23.3	---	---	25.4	25.1	24.1	24.3	2	
14.8	14.8	14.9	16.0	16.8	18.0	18.4	19.5	20.6	20.4	21.3	22.3	22.3	22.7	24.2	---	---	---	---	---	---	3	
15.7	15.5	15.0	15.9	16.8	18.2	18.2	18.6	19.3	19.5	20.1	20.9	20.6	20.7	---	---	---	---	---	---	---	4	
16.7	17.3	16.5	17.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5	
20.5	21.0	20.1	21.3	21.0	21.8	21.6	22.9	---	---	---	---	---	---	---	---	---	---	---	---	---	6	
21.4	21.8	20.6	22.0	21.8	22.6	21.9	22.6	24.0	---	---	---	---	---	---	---	---	---	---	---	---	7	
18.7	19.5	18.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8	
20.5	20.1	19.1	19.6	20.4	21.3	20.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9	
13.2	13.2	12.7	13.3	14.0	14.7	14.6	15.4	16.1	16.6	17.6	18.7	18.4	18.3	19.2	19.1	17.5	---	---	---	---	10	
19.1	19.3	18.6	20.0	20.3	20.3	19.9	20.7	20.5	20.7	22.0	23.5	22.5	22.6	22.9	22.5	20.3	22.1	21.4	20.7	20.9	11	
16.3	16.6	15.6	16.6	16.6	17.9	17.5	18.5	18.9	18.9	20.5	22.1	20.5	21.7	22.6	22.4	19.8	21.9	21.4	21.7	22.6	12	
18.5	18.5	17.2	16.9	18.6	18.3	18.7	19.7	19.7	20.1	21.1	20.9	20.7	21.2	22.3	21.0	20.0	21.5	20.3	21.6	21.8	13	
14.4	14.8	14.8	16.1	16.4	17.5	17.5	18.7	19.5	19.9	20.7	22.3	22.0	21.9	23.3	23.6	23.2	23.9	23.6	25.1	25.2	14	
15.1	15.3	15.3	16.5	16.6	17.8	18.0	19.2	20.3	20.0	21.2	22.4	22.0	22.2	23.0	---	---	25.7	25.2	24.5	23.3	15	
13.5	13.6	13.8	14.6	15.8	17.2	17.1	17.9	18.6	19.1	19.7	21.4	21.1	21.8	24.1	24.5	24.9	27.8	28.2	27.3	25.9	16	
13.9	14.1	14.4	15.4	16.1	17.1	17.8	19.2	20.4	19.8	20.5	21.3	21.4	21.9	23.0	22.9	22.1	24.4	24.6	24.5	24.9	17	
13.3	13.3	13.6	14.9	15.5	16.8	17.1	17.7	18.7	19.3	20.2	21.5	21.5	22.1	22.7	---	---	---	---	---	---	18	
16.5	16.4	16.1	17.2	18.4	19.5	19.5	20.5	21.5	21.6	22.7	23.8	23.7	23.9	25.8	25.2	24.0	25.8	25.9	25.7	26.1	19	
14.8	14.7	14.1	15.1	16.1	17.7	17.6	18.2	18.8	19.0	19.7	20.9	20.8	20.3	21.8	21.3	19.9	22.5	22.0	---	---	20	
15.8	15.7	15.2	16.1	17.1	18.3	18.2	18.8	19.5	19.9	20.6	22.0	21.5	21.6	22.9	22.0	20.4	22.4	21.7	---	---	21	
14.4	14.3	14.0	14.5	15.5	16.6	16.9	17.1	17.8	18.1	18.5	19.0	18.7	18.3	---	---	---	---	---	---	---	22	
18.1	17.5	16.9	17.9	19.0	20.5	20.7	21.0	21.8	22.2	22.9	23.3	22.9	22.9	24.9	24.9	23.4	26.0	25.8	25.9	24.7	23	
17.2	17.0	16.7	17.7	18.3	19.3	18.9	19.6	19.7	19.2	20.0	21.6	21.0	21.0	22.7	21.9	21.1	23.4	22.9	---	---	24	
17.1	17.2	16.8	17.7	18.0	18.4	18.2	19.1	19.7	20.5	21.2	22.1	22.6	23.3	23.6	23.3	22.1	24.4	23.5	24.0	24.2	25	
16.4	17.0	16.0	16.3	17.0	17.3	17.1	17.7	18.3	18.8	19.7	20.3	---	---	---	---	---	---	---	---	---	26	
15.4	15.9	15.4	16.2	16.5	17.1	16.9	17.6	18.6	---	---	---	---	---	---	---	---	---	---	---	---	27	
20.8	22.0	19.9	21.1	21.3	21.7	21.7	22.5	22.4	22.9	22.5	22.2	---	---	---	---	---	---	---	---	---	28	
19.1	19.3	18.6	19.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29	
17.1	18.3	17.6	18.3	19.3	19.6	19.3	20.4	20.4	20.9	21.8	22.6	22.9	23.7	24.6	23.9	---	---	---	---	---	30	
16.3	17.4	16.4	16.8	17.4	17.9	17.5	18.3	18.9	19.1	20.1	21.0	21.7	21.5	23.4	22.4	20.7	22.6	22.1	---	---	31	
16.1	16.0	15.8	17.5	17.5	18.7	18.1	18.5	18.6	18.7	21.1	20.2	21.2	22.0	23.4	---	---	---	---	---	---	32	
15.8	16.0	16.2	17.2	17.4	18.5	18.5	19.8	20.3	20.9	21.8	22.5	22.8	22.9	24.8	24.7	23.5	23.2	23.8	23.8	---	33	
17.8	17.9	18.8	19.8	18.5	19.2	18.4	18.7	19.0	19.0	19.7	20.3	19.9	20.2	20.1	20.0	18.4	19.5	19.4	20.0	19.4	34	
19.9	20.5	20.3	21.8	21.3	22.5	22.3	23.2	23.9	23.9	25.3	26.5	26.5	26.9	29.3	28.0	26.2	26.7	26.3	---	---	35	
22.5	22.7	20.1	21.7	22.3	24.0	23.7	25.6	26.8	27.1	28.4	---	---	---	---	---	---	---	---	---	---	36	
23.3	23.7	22.7	23.9	23.3	24.2	24.6	26.2	27.5	27.8	28.9	30.9	30.5	30.3	33.4	31.5	29.1	29.9	30.0	---	---	37	
22.1	24.3	22.3	23.2	22.2	23.1	22.7	24.9	---	---	---	27.7	26.1	27.5	29.8	28.3	26.4	---	---	---	---	38	
21.1	21.5	20.4	21.5	21.0	20.8	20.2	20.4	---	---	---	---	---	---	---	---	---	---	---	---	---	39	
17.4	16.9	16.5	16.0	18.1	16.4	16.6	20.8	24.1	25.4	23.3	23.1	---	---	---	---	---	---	---	---	---	40	
21.4	22.4	20.8	22.5	21.7	22.6	21.7	23.2	24.4	23.8	25.2	26.3	26.1	25.4	27.6	26.0	23.9	25.7	25.5	---	---	41	
19.1	18.9	18.3	19.4	19.7	20.1	19.4	19.2	21.0	---	---	---	---	---	---	---	---	---	---	---	---	42	
22.4	23.2	21.9	23.4	23.5	24.0	23.8	24.1	25.9	---	---	---	---	---	---	---	---	---	---	---	---	43	
23.1	23.0	21.5	22.9	22.5	24.0	22.8	24.3	25.1	26.3	23.6	23.1	23.1	23.7	25.3	---	---	---	---	---	---	44	
18.7	19.8	19.4	20.3	22.1	22.1	20.2	20.7	21.9	---	---	---	---	---	---	---	---	---	---	---	---	---	45
18.7	19.2	18.0	19.9	20.3	20.4	20.2	20.3	22.7	---	---	---	---	---	---	---	---	---	---	---	---	---	46
18.3	19.8	18.2	17.1	18.0	17.7	16.8	18.3	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47
16.9	19.4	18.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48
16.6	18.6	16.8	17.0	18.0	18.5	19.2	18.4	18.6	18.5	19.1	19.0	19.5	20.0	---	---	---	---	---	---	---	49	
20.2	20.4	18.9	18.4	20.2	20.6	19.7	20.2	20.5	21.1	---	---	---	---	---	---	---	---	---	---	---	---	50
18.6	19.8	18.4	18.6	19.8	19.8	19.8	20.4	20.4	20.2	22.4	24.3	23.4	25.0	---	---	---	---	---	---	---	51	
17.9	17.0	16.3	16.8	17.7	18.1	17.8	18.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52
27.7	27.6	27.3	28.0	28.2	28.4	27.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53
19.5	18.4	17.8	18.9	21.1	23.7	22.3	21.2	20.6	20.8	---	---	---	---	---	---	---	---	---	---	---	---	54
24.1	24.1	22.8	23.1	23.4	25.4	24.4	25.7	25.7	26.6	28.2	29.1	28.8	29.7	31.9	31.2	29.2	33.1	30.7	---	---	55	
14.1	14.5	14.0	13.1	12.9	14.5	14.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56
14.0	14.2	13.3	13.7	14.0	14.7	14.6	14.9	15.2	15.8	16.6	17.3	17.6	17.9	19.4	19.7	18.8	19.2	18.2	---	---	57	
13.2	13.3	12.5	13.2	13.7	14.1	14.0	15.0	15.8	16.3	17.5	18.3	18.0	18.4	19.4	19.0	17.5	---	---	---	---	58	
13.0	12.9	12.6	13.3	14.0	14.8	14.7	15.6	16.4	16.8	18.0	19.2	18.8	18.4	19.1	18.9	16.9	---	---	---	---	59	

VITAL STATISTICS OF THE UNITED STATES

TABLE II.—CRUDE DEATH RATES BY PLACE OF OCCURRENCE:

(Exclusive of fetal deaths. Rates per 1,000 estimated midyear population. For each State, rates are shown from the year of its admission to the

AREA	1949 ¹	1948 ¹	1947 ²	1946 ¹	1945 ¹	1944 ¹	1943 ¹	1942 ¹	1941 ¹	1940 ¹	1939	1938	1937	1936	1935	1934	1933	1932	1931	1930	1929	1928
1 UNITED STATES (death-registration States)	9.7	9.9	10.1	10.0	10.6	10.6	10.9	10.4	10.5	10.7	10.6	10.6	11.3	11.6	10.9	11.1	10.7	10.9	11.1	11.3	11.9	12.0
GEOGRAPHIC DIVISIONS																						
2 New England-----	10.5	10.9	11.1	11.3	11.8	12.0	12.6	11.4	11.4	11.6	11.6	11.5	12.0	12.0	11.7	11.6	12.0	11.8	11.6	11.8	12.6	12.3
3 Middle Atlantic-----	10.3	10.7	11.0	11.0	12.1	11.9	12.4	11.3	10.9	11.1	11.0	10.9	11.5	11.4	11.1	11.2	11.1	11.2	11.5	11.5	12.3	12.5
4 East North Central-----	10.0	10.1	10.5	10.3	12.1	11.0	11.4	10.7	10.7	10.9	10.8	10.7	11.3	11.7	11.0	11.1	10.6	10.9	11.0	11.1	11.8	11.9
5 West North Central-----	10.3	10.4	10.8	10.6	11.3	11.2	11.0	10.3	10.3	10.3	10.2	10.1	10.6	11.4	10.5	10.8	10.2	10.3	10.3	10.4	10.4	---
6 South Atlantic-----	9.0	9.1	9.1	8.9	9.4	9.6	9.6	9.5	10.2	10.5	10.3	10.8	11.3	11.9	11.3	11.6	10.7	11.1	11.6	12.1	12.4	12.5
7 East South Central-----	9.3	9.4	9.4	9.2	9.7	9.8	9.7	9.5	10.2	10.4	10.2	10.5	11.1	11.6	10.6	10.9	10.4	10.5	10.8	11.5	12.3	12.2
8 West South Central-----	8.5	8.6	8.6	8.4	8.7	9.0	8.9	8.9	9.3	9.6	9.4	9.5	10.2	10.5	9.7	9.7	9.6	---	---	---	---	---
9 Mountain-----	9.2	9.7	9.8	9.7	10.4	10.2	10.1	10.1	10.0	10.3	10.5	10.7	11.8	11.9	11.6	11.1	10.6	10.9	11.2	12.0	12.1	---
10 Pacific-----	9.5	9.5	9.5	9.8	9.8	10.2	10.7	10.8	10.9	11.5	11.2	11.3	12.1	12.0	11.6	11.2	11.2	11.2	11.3	11.4	11.5	11.9
NEW ENGLAND																						
11 Maine-----	11.1	11.3	11.7	11.9	12.6	12.8	13.5	12.3	12.3	12.5	12.8	12.6	15.8	13.7	15.4	15.4	15.7	13.3	13.1	13.9	14.2	13.8
12 New Hampshire-----	11.6	12.2	12.5	12.5	13.0	13.7	13.5	11.5	12.4	12.7	12.9	13.3	13.7	15.5	15.7	15.5	15.7	13.5	12.7	13.6	14.0	13.8
13 Vermont-----	11.3	11.3	12.3	12.1	12.2	13.3	13.8	12.2	12.3	12.8	12.7	12.9	14.0	15.9	15.4	15.7	12.9	13.3	12.5	13.0	14.7	13.7
14 Massachusetts-----	10.7	11.2	11.3	11.6	12.3	12.4	12.9	11.8	11.6	11.6	11.2	11.8	11.8	11.5	11.7	11.9	11.6	11.6	11.7	11.6	12.3	12.1
15 Rhode Island-----	10.1	10.4	10.9	10.7	10.7	10.9	12.0	11.2	11.0	11.2	11.1	11.9	12.0	11.8	11.6	11.4	11.7	11.6	11.5	11.7	12.0	12.4
16 Connecticut-----	9.3	9.8	9.8	10.0	10.6	10.5	11.1	10.2	10.4	10.4	10.5	10.5	10.8	10.8	10.7	10.7	10.7	10.4	10.7	10.7	11.5	11.4
MIDDLE ATLANTIC																						
17 New York-----	10.5	11.0	11.2	11.3	12.3	12.1	12.8	11.4	11.0	11.1	11.1	10.9	11.5	11.5	11.2	11.3	11.4	11.4	11.7	11.7	12.7	13.1
18 New Jersey-----	9.8	10.2	10.6	10.3	11.6	11.3	11.8	10.8	10.8	10.8	10.6	10.7	11.0	11.0	10.6	10.7	10.6	10.4	10.8	10.7	11.6	11.3
19 Pennsylvania-----	10.4	10.7	11.0	11.0	12.0	11.9	12.3	11.3	10.9	11.2	11.0	10.8	11.8	11.6	11.1	11.2	10.8	11.2	11.8	11.8	12.1	12.2
EAST NORTH CENTRAL																						
20 Ohio-----	10.0	10.1	10.6	10.4	11.4	11.7	12.0	11.2	11.2	11.4	11.1	10.9	11.7	11.8	11.3	11.3	10.8	11.3	11.3	11.4	12.3	12.1
21 Indiana-----	10.2	10.3	10.8	10.6	11.5	11.4	11.8	11.3	11.5	11.8	11.6	11.3	12.1	12.6	11.8	12.2	11.4	11.8	11.9	12.1	12.7	12.6
22 Illinois-----	10.6	10.6	11.2	10.9	11.6	11.3	11.7	10.9	10.8	11.2	11.0	10.8	11.2	11.9	11.0	11.3	10.7	10.8	11.2	10.9	11.5	11.9
23 Michigan-----	9.1	9.2	9.4	9.4	9.8	9.9	10.5	9.8	9.8	9.9	10.1	10.0	10.8	11.2	10.6	10.5	10.2	10.4	10.2	10.7	11.7	11.7
24 Wisconsin-----	9.9	10.0	10.3	10.3	10.6	10.6	10.8	10.1	9.8	10.1	10.1	10.0	10.4	10.9	10.1	10.1	9.8	10.1	10.1	10.4	10.7	10.9
WEST NORTH CENTRAL																						
25 Minnesota-----	9.7	9.8	10.2	10.2	10.8	10.7	10.7	9.9	9.7	9.6	9.7	9.6	9.9	10.6	9.8	10.0	9.6	9.8	9.8	10.0	10.0	10.0
26 Iowa-----	10.3	10.5	11.0	10.9	11.6	11.7	11.3	10.4	10.4	10.4	10.5	10.3	10.7	11.4	10.5	10.7	10.3	10.4	10.4	10.6	10.4	10.3
27 Missouri-----	11.3	11.2	11.8	11.5	12.3	12.0	10.9	11.3	11.6	11.3	11.4	12.0	13.1	11.6	12.5	11.4	11.8	12.0	11.8	12.2	12.2	12.3
28 North Dakota-----	8.8	9.0	9.3	9.3	9.7	9.7	9.3	8.2	8.6	8.2	8.5	8.1	8.4	8.7	8.9	8.2	7.7	7.6	7.9	8.0	8.6	8.3
29 South Dakota-----	9.2	9.7	10.0	9.9	9.8	10.1	9.5	9.0	8.8	8.5	8.6	8.4	9.1	9.2	9.4	9.5	8.9	8.3	8.5	8.5	---	---
30 Nebraska-----	9.7	10.1	10.4	10.1	10.4	10.5	10.5	10.0	9.7	9.6	9.3	9.1	9.9	10.2	9.7	9.8	9.4	9.4	9.4	9.6	9.7	10.0
31 Kansas-----	10.2	10.4	10.7	10.3	11.0	10.7	10.6	10.5	10.6	10.4	10.1	10.1	10.3	11.6	10.9	10.7	10.5	10.4	9.9	10.4	10.4	11.3
SOUTH ATLANTIC																						
32 Delaware-----	10.6	10.9	10.9	10.9	11.5	11.8	12.5	12.0	11.9	12.2	12.1	12.4	13.0	13.1	12.8	13.4	13.4	13.0	13.6	13.6	13.3	13.7
33 Maryland-----	9.7	10.0	9.9	9.7	10.9	10.8	11.5	11.0	11.3	12.0	11.6	11.8	12.6	12.6	12.3	12.3	12.2	12.5	13.1	13.2	13.5	13.5
34 District of Columbia-----	10.3	9.5	9.2	9.3	10.4	9.9	10.7	11.0	11.4	12.7	12.6	12.5	14.2	14.5	14.0	14.6	14.9	15.5	15.3	15.1	15.4	15.1
35 Virginia-----	8.9	8.9	9.1	8.8	9.3	9.0	9.3	9.8	10.7	10.9	10.6	11.0	11.7	12.3	11.7	12.0	11.3	11.6	12.1	12.8	12.9	12.4
36 West Virginia-----	9.0	9.3	9.1	8.9	9.7	9.7	9.8	9.1	9.4	9.2	9.3	9.5	10.3	10.7	9.9	9.8	9.2	10.0	10.0	10.5	10.6	10.3
37 North Carolina-----	7.9	7.9	8.1	7.9	8.3	8.3	8.2	8.8	9.0	9.0	9.0	9.7	9.9	10.5	9.9	10.2	9.5	10.3	11.3	11.8	11.7	11.7
38 South Carolina-----	8.7	9.1	8.7	8.6	8.6	9.3	9.5	9.2	10.5	10.6	10.2	11.1	11.1	11.6	11.1	11.7	11.0	11.1	11.8	12.8	13.3	14.0
39 Georgia-----	8.8	9.0	8.8	8.5	9.0	9.2	9.3	9.0	9.9	10.4	10.2	10.8	11.2	12.4	11.4	11.8	10.4	10.8	11.2	12.1	12.2	12.4
40 Florida-----	9.9	9.9	10.0	9.9	9.8	10.3	10.0	10.3	11.2	11.9	11.6	11.9	12.3	12.7	12.4	12.8	12.1	12.0	12.1	12.4	12.6	13.2
EAST SOUTH CENTRAL																						
41 Kentucky-----	9.7	9.8	10.0	9.9	10.6	10.6	10.6	10.2	10.8	10.4	10.5	10.6	11.3	11.9	10.9	11.3	10.7	11.0	11.0	11.3	11.9	11.8
42 Tennessee-----	9.2	9.2	9.3	9.3	10.0	10.0	9.7	9.4	9.8	10.2	10.0	10.4	10.9	11.7	10.8	10.9	10.3	10.6	10.8	11.5	12.1	12.0
43 Alabama-----	8.8	8.8	8.8	8.4	9.0	9.2	9.2	9.1	10.1	10.4	10.0	10.5	11.0	11.1	10.3	10.7	10.0	10.3	10.6	11.5	12.3	12.1
44 Mississippi-----	9.9	9.7	9.6	9.5	9.3	9.5	9.2	9.3	10.1	10.7	10.4	10.6	11.3	11.5	10.2	10.5	10.5	10.0	11.0	12.0	12.9	13.1
WEST SOUTH CENTRAL																						
45 Arkansas-----	8.5	8.3	8.2	8.0	8.3	8.0	8.3	8.2	8.5	8.8	8.5	8.8	9.6	9.7	8.5	8.9	9.0	8.8	9.6	10.2	10.5	10.8
46 Louisiana-----	8.9	9.2	9.2	8.7	9.2	9.5	9.5	9.3	9.8	10.8	10.5	10.7	10.9	11.4	10.5	10.4	10.5	10.7	11.0	11.7	11.9	12.1
47 Oklahoma-----	8.9	8.6	8.7	8.5	9.0	9.4	8.8	9.2	9.7	8.8	8.7	8.6	9.1	9.8	8.8	8.9	8.5	8.0	7.8	8.2	9.0	8.9
48 Texas-----	8.3	8.5	8.5	8.3	8.6	8.9	8.9	8.8	9.2	9.7	9.5	9.6	10.5	10.7	10.1	9.9	9.9	---	---	---	---	---
MOUNTAIN																						
49 Montana-----	10.4	10.9	11.1	11.2	11.6	12.1	11.5	10.5	10.3	10.3	10.7	10.4	11.2	11.5	11.6	10.5	9.8	9.9	9.8	10.1	10.9	10.7
50 Idaho-----	8.0	8.6	8.9	8.8	8.9	8.8	9.2	8.3	8.6	9.3	9.2	9.0	9.6	10.4	9.7	9.5	8.9	8.8	8.9	9.4	9.1	9.3
51 Wyoming-----	8.7	8.9	9.2	8.4	9.0	9.0	8.7	8.0	8.5	8.5	8.9	9.1	10.1	10.1	9.7	9.1	8.8					

VITAL STATISTICS OF THE UNITED STATES

TABLE III.—INFANT MORTALITY RATES BY PLACE OF OCCURRENCE:

(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births. For each State, rates are shown from the year of its admission to the

AREA	1949	1948	1947	1946	1945	1944	1943	1942 ¹	1941	1940	1939	1938	1937	1936	1935
1 UNITED STATES (birth-registration States)-----	31.5	32.0	32.2	33.8	38.3	39.8	40.4	40.4	45.3	47.0	48.0	51.0	54.4	57.1	55.7
GEOGRAPHIC DIVISIONS															
2 New England-----	25.7	27.1	28.7	31.8	33.1	35.1	36.8	34.1	36.8	39.3	39.8	42.5	46.8	49.6	49.4
3 Middle Atlantic-----	27.2	27.6	29.3	30.5	34.2	35.7	34.8	34.1	36.5	39.9	41.7	42.6	46.4	48.3	48.9
4 East North Central-----	28.1	29.1	29.9	31.2	34.5	35.6	37.0	35.4	37.7	39.1	40.6	42.6	46.7	49.4	48.1
5 West North Central-----	27.0	28.2	29.9	31.0	32.7	34.3	35.4	34.8	39.0	39.3	40.3	43.8	47.3	49.9	50.0
6 South Atlantic-----	35.8	35.4	35.5	37.8	44.5	46.6	47.8	50.4	60.6	57.1	58.0	65.8	51.7	70.8	57.7
7 East South Central-----	40.3	38.2	36.9	38.5	44.9	45.5	46.5	48.1	57.2	55.9	55.7	60.6	60.4	65.2	50.1
8 West South Central-----	34.7	40.7	37.6	37.7	44.2	46.0	46.7	48.6	53.7	61.1	60.2	60.6	66.4	68.4	54.4
9 Mountain-----	38.9	42.0	39.7	42.1	51.9	50.4	51.5	54.3	55.7	61.7	63.7	66.3	74.7	77.7	77.5
10 Pacific-----	26.6	28.0	28.7	30.8	32.5	34.1	34.3	34.1	35.7	38.0	40.8	42.3	49.8	50.8	47.8
NEW ENGLAND															
11 Maine-----	31.8	32.4	35.7	41.0	46.2	46.6	51.4	46.1	51.2	53.5	52.4	56.2	65.3	64.1	63.0
12 New Hampshire-----	28.6	27.9	29.7	30.4	34.7	36.5	43.4	35.9	36.5	40.0	45.8	47.6	46.1	46.2	33.9
13 Vermont-----	31.6	28.5	30.7	34.2	34.4	41.6	39.7	41.7	43.9	45.0	46.6	48.4	49.5	59.0	48.6
14 Massachusetts-----	24.9	27.1	28.4	32.0	32.1	33.4	34.8	32.0	35.3	37.5	37.0	39.9	44.1	46.5	48.3
15 Rhode Island-----	23.8	25.8	28.2	29.4	29.7	36.5	43.3	39.5	35.8	38.2	39.4	43.8	47.6	48.2	47.2
16 Connecticut-----	23.0	24.4	25.4	28.0	29.6	30.7	29.4	29.2	31.1	34.1	35.9	36.3	40.4	42.0	42.7
MIDDLE ATLANTIC															
17 New York-----	26.1	27.4	28.3	29.2	32.0	32.9	32.9	31.9	33.1	37.2	39.3	40.6	45.1	47.0	48.0
18 New Jersey-----	26.0	26.5	28.1	28.8	32.6	34.5	35.9	31.1	36.2	35.6	38.7	39.5	39.4	44.3	46.2
19 Pennsylvania-----	29.3	28.4	31.0	32.8	37.9	39.9	37.6	38.2	40.7	44.7	45.6	45.9	50.3	51.2	50.8
EAST NORTH CENTRAL															
20 Ohio-----	28.2	30.5	29.5	31.3	36.5	38.8	39.3	37.0	40.8	41.4	42.9	43.3	49.6	51.2	50.4
21 Indiana-----	29.2	29.7	30.5	31.5	36.1	34.6	40.0	36.6	39.8	41.9	39.5	42.5	49.7	50.7	50.0
22 Illinois-----	27.4	27.6	28.8	30.3	31.8	32.4	33.1	33.1	34.0	35.3	38.0	40.9	43.1	46.8	45.9
23 Michigan-----	28.9	30.0	31.5	32.6	35.9	38.1	38.3	37.2	39.7	40.7	41.9	44.6	47.9	50.7	47.7
24 Wisconsin-----	26.4	26.5	29.6	30.2	31.4	32.1	35.1	32.0	35.1	37.2	40.2	41.8	43.4	47.7	46.0
WEST NORTH CENTRAL															
25 Minnesota-----	25.9	27.0	28.9	28.7	31.5	31.8	31.2	29.6	34.5	33.3	35.8	38.8	40.8	44.4	44.7
26 Iowa-----	25.6	26.7	28.7	30.4	30.1	33.5	34.1	33.5	36.5	36.7	38.8	40.5	44.2	48.2	47.1
27 Missouri-----	30.0	30.3	32.5	33.4	37.7	37.5	40.1	39.0	46.5	46.9	45.1	51.5	56.5	57.9	56.9
28 North Dakota-----	31.1	29.4	30.9	34.2	30.4	36.3	35.4	36.5	37.8	45.1	49.0	49.8	52.4	49.7	59.4
29 South Dakota-----	25.4	31.3	31.3	30.2	30.4	34.0	35.1	38.2	40.9	39.2	41.4	43.6	51.1	47.8	52.5
30 Nebraska-----	24.1	27.5	28.0	30.2	28.6	32.9	35.6	33.4	34.4	35.7	36.5	36.4	42.1	44.1	41.2
31 Kansas-----	26.2	27.0	28.8	30.4	33.0	33.5	33.9	35.5	37.8	38.1	38.4	43.0	44.4	51.8	50.3
SOUTH ATLANTIC															
32 Delaware-----	30.8	26.2	29.8	29.0	37.8	47.9	46.1	47.0	43.0	46.9	44.0	52.8	63.8	64.5	66.4
33 Maryland-----	31.8	29.8	32.2	34.4	38.9	42.9	44.8	43.9	52.6	49.6	50.3	55.7	61.5	69.1	82.0
34 District of Columbia-----	25.8	23.9	30.9	35.5	40.3	38.3	41.0	50.8	50.9	47.0	47.7	46.1	60.8	72.4	58.4
35 Virginia-----	38.7	39.4	36.9	39.8	48.6	48.3	48.5	52.5	66.9	59.3	60.9	66.2	69.7	73.9	69.6
36 West Virginia-----	39.8	40.7	38.0	41.0	52.7	52.4	52.7	53.0	61.1	53.9	54.7	62.3	61.8	71.2	60.6
37 North Carolina-----	38.2	35.2	34.8	37.3	43.0	45.1	46.6	48.3	59.8	57.4	59.2	66.6	65.5	68.9	68.8
38 South Carolina-----	38.8	40.0	39.5	41.4	49.8	54.8	55.1	58.7	75.0	68.1	68.2	80.3	75.6	80.8	79.3
39 Georgia-----	33.2	34.3	34.3	35.5	42.3	44.9	46.4	49.3	58.2	57.8	58.4	67.7	61.7	70.0	68.3
40 Florida-----	33.8	34.3	36.9	38.3	41.1	42.9	45.0	47.7	52.8	53.6	56.4	57.9	59.8	59.4	61.9
EAST SOUTH CENTRAL															
41 Kentucky-----	40.9	39.2	37.0	39.5	46.9	46.8	49.7	48.4	58.6	52.8	52.6	61.3	59.1	66.8	59.7
42 Tennessee-----	41.5	38.5	37.0	39.5	48.1	46.1	45.1	46.4	55.3	54.7	53.9	63.5	61.1	66.5	64.0
43 Alabama-----	39.5	38.0	37.4	37.8	45.8	45.3	44.9	50.1	59.5	61.4	59.9	60.8	62.4	66.8	62.8
44 Mississippi-----	39.2	37.0	36.2	36.7	40.3	43.6	46.7	47.3	54.7	54.3	56.2	56.7	58.9	58.2	53.9
WEST SOUTH CENTRAL															
45 Arkansas-----	32.7	27.8	28.8	27.0	30.8	33.2	35.8	39.7	44.0	45.7	46.0	51.4	54.5	50.9	47.1
46 Louisiana-----	37.4	38.3	37.4	37.4	43.4	46.2	44.9	48.2	57.8	64.2	63.0	67.1	65.6	71.9	69.4
47 Oklahoma-----	30.2	33.9	32.0	32.6	39.3	40.2	41.7	41.4	47.5	49.7	49.0	49.0	56.6	60.0	54.6
48 Texas-----	42.6	46.4	41.3	42.0	49.3	50.9	51.7	53.6	56.9	68.6	67.0	65.1	73.9	71.2	71.7
MOUNTAIN															
49 Montana-----	30.3	31.0	32.4	35.0	34.4	36.1	39.0	33.7	37.2	46.2	49.0	45.5	50.5	57.0	60.0
50 Idaho-----	26.6	29.6	28.8	32.3	33.8	33.0	31.3	36.2	34.5	42.3	45.9	44.6	43.7	51.4	51.0
51 Wyoming-----	35.9	36.9	33.9	33.2	40.6	39.0	37.4	45.1	43.8	46.3	45.5	51.8	55.6	57.6	51.1
52 Colorado-----	35.2	38.3	37.2	40.2	49.4	46.8	49.9	49.7	52.2	59.8	54.8	60.2	73.5	74.1	72.7
53 New Mexico-----	64.2	68.3	65.5	76.3	95.7	85.2	89.3	97.9	95.4	99.6	109.0	108.7	123.7	121.8	129.3
54 Arizona-----	50.6	55.9	50.6	41.5	64.4	63.2	59.4	80.1	86.3	84.3	94.3	98.8	120.7	119.6	111.7
55 Utah-----	26.0	27.9	25.5	27.2	31.3	33.6	31.2	33.0	29.9	40.6	39.5	46.8	41.4	52.7	49.3
56 Nevada-----	30.0	38.9	32.9	40.1	40.9	44.6	49.8	57.2	42.2	51.9	44.8	47.7	40.2	69.8	71.0
PACIFIC															
57 Washington-----	26.8	27.1	27.7	33.0	33.9	34.1	34.9	33.1	35.0	35.7	36.8	38.7	39.9	45.4	45.2
58 Oregon-----	25.0	25.8	25.0	27.5	28.8	30.4	29.9	30.5	30.7	32.9	35.5	39.2	41.5	44.3	41.2
59 California-----	26.8	28.5	29.4	30.7	32.6	34.7	34.7	34.8	36.7	39.4	42.4	43.7	53.8	53.1	49.6

¹By place of residence.

VITAL STATISTICS OF THE UNITED STATES

TABLE IV.—FETAL DEATH RATIOS BY PLACE OF OCCURRENCE

(Includes all reported fetal deaths regardless of stated period of gestation (groups I, II, III, IV). Ratios per 1,000 live births. For each State, ratios are shown from whole, because a

AREA	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	1937
1 UNITED STATES (birth-registration States)	22.9	23.5	23.7	25.6	26.6	27.0	26.7	28.2	29.9	31.5	32.0	32.1	33.4
GEOGRAPHIC DIVISIONS													
2 New England	16.6	17.9	17.9	20.3	20.9	21.5	21.6	23.5	25.7	25.8	26.6	27.3	28.4
3 Middle Atlantic	37.8	37.6	35.6	37.9	39.2	38.6	35.3	37.3	38.5	39.2	37.9	35.8	34.6
4 East North Central	18.0	18.9	19.6	21.5	22.4	23.1	22.6	22.9	23.7	25.0	25.3	25.9	27.1
5 West North Central	17.4	17.8	18.0	20.2	21.1	21.4	21.4	23.5	24.3	25.0	25.0	26.9	26.9
6 South Atlantic	24.8	25.4	26.2	28.3	29.6	31.2	32.4	35.3	37.5	39.7	41.3	43.9	46.2
7 East South Central	24.4	24.3	25.2	25.8	27.4	27.7	28.3	30.8	34.4	37.1	38.8	39.4	41.0
8 West South Central	20.8	22.2	22.8	24.0	25.5	25.8	26.6	28.2	29.9	31.0	34.1	33.8	35.3
9 Mountain	16.5	16.9	18.4	20.0	20.4	20.2	20.4	21.1	22.0	22.7	23.1	23.7	25.9
10 Pacific	15.2	15.7	16.3	18.2	18.2	18.1	17.2	18.1	18.8	19.3	20.3	20.6	21.9
NEW ENGLAND													
11 Maine	16.9	16.9	16.6	16.9	17.9	15.7	17.2	25.1	26.6	29.4	30.4	34.5	32.9
12 New Hampshire	20.2	19.3	20.8	23.0	22.6	25.2	17.1	26.9	25.8	24.8	27.6	31.3	31.3
13 Vermont	17.2	18.8	18.7	22.4	20.8	24.4	26.6	23.2	20.4	25.8	27.5	26.7	30.4
14 Massachusetts	17.2	19.4	19.3	22.6	22.9	23.2	23.4	24.6	24.6	26.8	27.5	27.1	28.1
15 Rhode Island	16.9	16.6	16.5	19.3	20.0	22.9	23.4	22.1	25.7	28.3	25.4	27.1	31.3
16 Connecticut	13.8	14.8	14.9	15.9	17.5	18.5	19.2	19.2	19.1	20.2	21.9	22.1	23.2
MIDDLE ATLANTIC													
17 New York	56.6	55.4	50.9	54.7	54.6	53.8	49.7	51.4	53.3	51.9	47.8	38.3	39.0
18 New Jersey	20.4	20.7	22.2	22.5	24.8	23.8	24.5	24.9	25.9	26.1	28.1	29.8	30.9
19 Pennsylvania	20.0	21.0	21.0	22.5	24.6	25.1	22.8	24.6	25.3	28.6	29.7	29.9	31.9
EAST NORTH CENTRAL													
20 Ohio	19.9	20.9	21.1	24.2	24.7	25.2	23.7	25.2	24.9	25.9	27.0	27.5	28.9
21 Indiana	16.4	16.6	17.6	19.0	19.8	20.7	20.5	20.4	20.8	23.0	22.1	21.4	24.0
22 Illinois	17.3	18.0	18.9	20.9	21.7	22.1	22.1	21.9	23.7	25.6	25.3	26.2	26.5
23 Michigan	19.0	20.1	21.1	22.7	24.1	25.0	25.4	24.7	26.0	26.0	27.1	28.3	29.6
24 Wisconsin	15.5	16.9	17.3	17.6	18.9	20.2	20.3	19.1	19.9	22.0	21.9	23.0	25.8
WEST NORTH CENTRAL													
25 Minnesota	16.4	17.8	17.3	20.0	21.1	19.3	20.3	22.0	22.0	21.5	24.3	24.9	24.6
26 Iowa	16.0	15.2	15.8	18.5	19.5	19.9	20.3	20.5	21.5	22.5	23.5	25.4	25.6
27 Missouri	20.6	22.0	22.0	24.7	24.8	26.3	26.0	30.6	32.4	32.4	31.3	35.0	34.7
28 North Dakota	16.1	14.4	16.8	18.1	19.1	21.1	18.6	17.1	19.7	22.2	22.9	21.2	24.0
29 South Dakota	14.9	13.6	15.9	15.8	16.7	18.0	16.3	19.0	17.4	18.8	20.4	22.2	20.6
30 Nebraska	16.0	17.1	17.2	18.6	18.7	20.4	19.9	21.9	21.2	23.1	20.2	22.9	23.2
31 Kansas	17.0	16.4	16.2	17.4	19.4	19.1	18.9	20.7	21.6	24.7	22.4	23.5	23.7
SOUTH ATLANTIC													
32 Delaware	22.2	22.4	19.7	21.5	25.2	23.7	29.2	23.7	27.7	23.9	28.5	30.2	32.8
33 Maryland	23.1	23.9	25.5	27.4	31.1	33.9	34.8	37.5	38.2	43.6	45.0	43.6	47.1
34 District of Columbia	20.9	20.8	21.2	33.2	22.6	25.9	25.6	26.4	29.9	25.7	28.7	34.1	34.0
35 Virginia	25.0	26.8	27.0	28.6	31.2	31.3	32.3	34.1	37.3	36.8	38.9	40.0	41.8
36 West Virginia	24.4	25.7	24.7	32.3	32.4	33.9	35.4	34.8	32.6	35.4	38.2	39.5	39.2
37 North Carolina	25.7	24.5	24.6	23.7	25.3	26.3	26.6	31.1	31.2	34.4	38.3	38.5	39.7
38 South Carolina	27.7	29.1	31.9	32.2	34.2	35.1	37.3	41.1	44.6	47.1	45.7	50.6	55.1
39 Georgia	23.7	26.5	26.1	27.4	29.8	33.1	34.4	38.7	43.0	47.6	50.0	52.8	57.3
40 Florida	25.7	24.4	27.7	30.6	30.4	31.7	34.2	39.0	43.2	42.2	45.5	49.3	51.3
EAST SOUTH CENTRAL													
41 Kentucky	19.5	19.0	21.1	20.7	23.7	23.7	24.6	26.5	30.0	32.0	33.0	32.5	34.5
42 Tennessee	21.8	21.6	22.1	23.5	23.8	22.8	22.9	22.8	26.2	29.1	31.7	36.4	38.6
43 Alabama	27.5	27.1	28.3	28.8	28.3	30.2	30.3	33.4	37.3	39.9	40.5	41.8	42.5
44 Mississippi	29.9	30.5	30.3	31.1	34.6	34.9	36.3	42.2	45.1	48.2	51.1	47.5	46.6
WEST SOUTH CENTRAL													
45 Arkansas	17.5	19.3	17.5	19.3	20.7	20.5	22.9	26.2	26.7	27.0	35.3	33.5	36.0
46 Louisiana	24.5	25.8	27.0	27.3	29.2	28.9	30.3	32.0	37.2	38.0	43.2	42.5	45.5
47 Oklahoma	17.2	18.7	20.3	21.2	23.5	21.3	20.3	19.7	23.1	25.2	25.9	27.1	27.3
48 Texas	21.1	22.5	23.2	24.8	25.9	27.3	28.1	25.3	30.2	31.5	33.0	32.7	33.9
MOUNTAIN													
49 Montana	15.3	15.6	15.9	17.0	18.3	18.6	17.9	17.8	19.8	18.8	19.5	23.4	22.8
50 Idaho	16.7	14.5	16.4	18.4	18.8	21.3	19.0	20.4	17.5	21.5	21.6	20.3	23.3
51 Wyoming	16.7	17.3	19.3	17.0	16.8	17.9	20.7	19.3	21.4	20.0	17.6	18.6	21.2
52 Colorado	16.7	17.0	19.4	22.6	21.7	21.9	21.9	23.9	24.4	24.0	26.4	25.0	26.7
53 New Mexico	18.0	20.2	22.2	21.3	23.8	21.1	23.6	23.4	23.4	28.3	26.1	26.3	24.1
54 Arizona	17.5	17.7	19.5	21.2	22.7	23.6	23.0	21.2	24.8	24.8	23.2	27.3	25.3
55 Utah	14.2	14.4	14.3	16.5	17.4	15.8	15.8	17.9	19.5	21.4	21.4	21.2	20.6
56 Nevada	17.7	20.8	22.2	21.6	24.4	20.6	19.0	22.2	24.3	18.9	18.6	22.2	24.1
PACIFIC													
57 Washington	15.2	13.9	15.6	17.4	15.5	14.0	12.9	15.5	14.7	16.7	17.5	16.9	20.1
58 Oregon	14.3	15.0	15.6	17.6	17.2	18.9	16.8	17.1	18.4	21.1	19.3	21.5	21.9
59 California	15.4	16.2	16.5	18.5	19.0	19.1	18.5	18.9	19.9	19.6	21.1	21.5	22.4

NOTE.—In table XI and text tables in Part I, and tables 11 through 16 in Part II, where specified, figures include only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.

SUMMARY AND RATE TABLES

UNITED STATES, EACH DIVISION AND STATE, 1922-49

1922 or from the year of its admission to the birth-registration area; for each geographic division, ratios are shown from 1922 or from the year when the division, as a part of the area.)

1936	1935	1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	
34.4	35.8	36.2	37.0	37.8	38.2	39.2	39.5	40.2	38.8	38.1	38.1	39.3	39.9	39.4	1
28.9	30.0	30.8	32.7	33.2	33.3	33.8	33.8	35.0	36.0	36.5	36.7	37.2	37.7	37.4	2
35.5	36.0	38.1	38.9	38.7	39.0	38.6	38.7	40.5	39.5	40.2	39.7	41.0	41.1	40.9	3
27.8	29.4	30.0	31.0	31.7	33.2	34.0	34.7	35.2	35.0	35.5	35.3	36.1	36.4	36.7	4
28.1	30.0	29.6	29.7	31.8	---	---	---	---	---	---	---	---	---	---	5
47.3	49.4	49.1	49.4	51.8	51.5	54.2	53.7	55.9	---	---	---	---	---	---	6
41.7	42.4	42.1	43.5	42.4	43.0	46.2	45.8	45.6	43.7	---	---	---	---	---	7
36.6	36.4	37.3	38.1	---	---	---	---	---	---	---	---	---	---	---	8
25.9	25.4	26.6	27.2	28.1	27.8	27.9	28.4	---	---	---	---	---	---	---	9
22.7	23.6	23.8	25.7	26.6	28.1	27.9	28.4	28.3	27.6	29.2	28.5	29.7	29.9	30.6	10
30.8	33.8	35.3	37.0	35.9	36.6	35.7	38.9	40.2	39.2	40.7	39.6	40.4	42.5	44.9	11
29.7	34.1	30.8	36.3	38.4	40.2	41.7	37.5	38.6	42.8	40.2	41.4	41.4	45.9	41.9	12
28.4	28.7	32.9	31.3	30.5	27.9	28.1	29.3	29.5	31.0	31.8	30.1	33.3	31.7	29.8	13
29.5	30.2	30.9	33.9	34.0	34.8	34.9	33.8	36.4	35.8	35.8	38.2	37.9	37.3	36.5	14
29.6	28.7	28.9	28.1	34.2	32.3	33.9	34.5	33.6	34.6	36.3	34.7	33.2	34.1	37.8	15
25.3	26.4	28.1	27.8	28.8	27.1	28.1	30.8	31.8	34.4	36.6	37.6	34.6	37.0	35.7	16
39.6	39.7	41.2	42.7	41.6	41.5	40.9	40.9	42.8	41.3	42.4	41.9	43.7	42.7	42.5	17
35.5	34.1	36.2	36.2	37.4	39.3	39.0	39.7	40.1	41.4	40.8	39.9	40.8	42.5	40.6	18
31.6	32.3	35.1	35.3	35.7	35.9	36.2	38.0	38.0	36.8	37.7	37.3	38.4	38.9	39.2	19
29.8	31.9	32.7	32.8	33.9	34.7	36.0	37.2	37.0	37.5	37.7	37.8	37.9	38.9	39.4	20
23.8	27.0	26.7	26.9	28.6	29.1	29.6	29.4	31.1	31.1	30.6	31.4	31.8	31.0	30.7	21
27.6	29.6	30.2	29.8	30.9	34.3	33.6	34.6	36.1	35.1	36.4	36.4	38.6	39.1	36.0	22
30.0	31.1	31.3	34.4	34.7	35.5	36.9	37.8	37.8	38.3	38.3	37.0	37.7	39.1	44.1	23
24.3	23.8	25.4	28.7	27.4	28.3	29.9	29.9	29.2	28.3	28.9	29.7	28.3	26.7	27.3	24
26.2	27.5	28.2	27.2	28.7	29.9	29.2	29.5	29.5	29.7	31.5	30.3	30.7	30.6	30.1	25
27.1	26.9	26.9	28.5	31.6	31.8	31.4	30.6	26.6	28.7	27.6	32.6	35.7	---	---	26
36.0	38.5	38.4	37.9	41.3	41.9	43.1	43.8	44.7	45.6	---	---	---	---	---	27
27.0	25.6	24.0	27.9	25.8	28.2	27.8	28.5	28.8	29.0	27.2	25.5	29.9	---	---	28
20.7	26.6	25.4	22.2	23.6	---	---	---	---	---	---	---	---	---	---	29
22.2	27.6	25.5	26.5	27.5	28.8	27.7	30.1	31.7	31.9	32.7	30.6	30.1	30.2	30.7	30
26.2	27.3	26.5	26.2	28.2	29.0	31.1	33.7	32.9	32.2	33.4	32.4	29.2	32.4	33.0	31
36.5	36.7	33.9	39.0	33.8	41.1	43.4	41.8	34.1	38.0	44.8	40.0	43.7	38.1	39.3	32
48.6	55.7	57.9	64.6	64.4	66.4	69.2	71.9	69.7	72.1	68.4	67.6	70.6	68.7	72.2	33
38.9	37.9	37.9	43.5	43.0	46.0	49.7	47.8	48.6	49.5	49.8	48.8	48.7	52.0	54.5	34
43.6	42.4	43.3	42.9	44.4	45.8	45.2	44.4	44.2	43.0	44.1	42.8	46.2	44.3	44.3	35
37.3	39.4	39.4	37.3	36.9	38.8	37.2	39.0	38.5	38.2	38.1	38.4	38.4	38.4	38.4	36
40.9	41.3	41.4	41.4	46.7	45.3	48.8	47.1	48.4	42.8	44.9	46.4	43.0	40.9	42.2	37
58.2	80.9	58.4	58.9	63.9	62.0	65.8	67.2	67.8	---	---	---	63.6	59.4	62.4	38
59.2	61.3	59.3	57.4	60.4	59.6	62.5	60.0	58.5	---	---	---	---	---	---	39
49.4	56.1	58.7	56.6	56.6	56.8	64.9	63.4	67.6	66.6	65.7	69.4	69.8	---	---	40
36.4	33.2	33.6	35.9	33.8	35.5	34.1	32.1	31.1	32.7	31.5	33.2	33.3	31.5	35.7	41
38.9	40.5	38.9	42.7	39.9	42.1	49.9	44.1	42.8	40.8	---	---	---	---	---	42
44.2	46.2	49.7	47.4	49.1	48.9	52.7	52.0	53.0	49.2	---	---	---	---	---	43
47.5	47.8	46.4	46.5	47.3	45.6	48.6	54.5	57.7	53.2	51.8	53.8	52.7	53.7	54.4	44
38.0	37.8	35.7	38.9	39.8	38.9	43.2	43.3	45.9	46.0	---	---	---	---	---	45
47.4	45.4	48.2	50.2	50.5	49.5	52.3	53.4	58.4	53.9	---	---	---	---	---	46
28.3	29.0	27.5	25.8	25.7	24.4	30.2	33.8	30.8	---	---	---	---	---	---	47
35.0	38.1	37.8	38.4	---	---	---	---	---	---	---	---	---	---	---	48
21.8	23.1	24.5	26.2	27.9	32.1	28.7	28.9	34.2	32.0	31.8	33.5	30.7	29.3	30.2	49
24.7	22.9	22.5	23.6	27.0	19.8	22.2	26.3	25.5	24.0	26.3	---	---	---	---	50
14.3	19.7	19.5	20.0	26.4	26.0	30.0	22.8	28.5	29.3	31.2	30.2	34.4	33.3	34.7	51
30.3	28.6	32.0	31.8	31.7	30.8	31.7	35.2	30.2	---	---	---	---	---	---	52
31.5	28.7	32.7	29.3	31.4	27.8	30.5	26.0	---	---	---	---	---	---	---	53
29.0	27.9	27.3	30.5	25.3	31.1	28.8	29.6	27.6	30.1	29.2	27.6	27.6	28.9	28.8	54
20.3	21.6	19.1	21.4	20.6	23.0	21.9	22.5	25.3	23.6	23.5	24.8	23.3	23.4	25.5	55
21.8	21.8	32.1	31.0	47.6	33.5	28.5	32.8	---	---	---	---	---	---	---	56
20.0	21.3	23.1	21.4	24.8	26.8	26.1	25.2	27.7	27.9	30.0	27.0	28.0	28.9	28.8	57
21.3	22.4	23.9	26.6	25.1	27.2	28.5	31.2	28.8	30.4	31.9	30.5	31.6	32.4	31.3	58
23.7	24.4	24.0	26.8	27.3	28.6	28.3	28.9	28.4	27.0	28.5	28.6	29.9	30.4	31.1	59

VITAL STATISTICS OF THE UNITED STATES

TABLE V.—MATERNAL MORTALITY RATES BY PLACE OF OCCURRENCE:

(Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium per 10,000 live births. For each State, rates are shown from the year of its

AREA	1943 ¹	1949	1947	1946	1945	1944	1943	1942 ²	1941	1940	1939	1938	1937	1936	1935
1 UNITED STATES (birth-registration States)-----	9.0	11.7	13.5	15.7	20.7	22.8	24.5	25.9	31.7	37.6	40.4	43.5	48.9	56.8	58.2
GEOGRAPHIC DIVISIONS															
2 New England-----	6.6	8.0	9.3	12.9	16.9	18.4	20.0	19.7	26.0	29.9	33.7	35.9	44.6	47.2	54.4
3 Middle Atlantic-----	6.7	8.9	11.1	13.3	19.0	20.7	22.2	25.6	26.9	30.9	34.5	38.0	43.1	49.0	52.5
4 East North Central-----	6.2	8.8	11.0	12.9	16.4	18.5	20.3	20.9	25.4	29.9	35.5	35.6	39.4	47.7	52.5
5 West North Central-----	6.5	8.4	10.2	12.7	17.5	18.0	19.7	21.4	25.8	31.6	33.8	34.3	42.9	50.7	55.2
6 South Atlantic-----	12.9	17.0	18.8	20.8	25.7	29.0	32.6	34.8	42.9	49.8	50.0	57.6	60.1	68.8	67.9
7 East South Central-----	16.6	19.8	21.4	25.4	30.2	32.2	31.8	35.1	45.7	51.5	54.0	58.0	60.4	67.5	61.9
8 West South Central-----	12.6	15.7	16.6	17.6	23.8	27.2	28.1	32.3	37.5	46.3	51.0	55.8	60.7	72.2	69.6
9 Mountain-----	9.4	11.4	13.3	17.7	21.9	23.5	25.7	26.5	28.9	39.1	40.4	41.9	46.8	62.6	60.9
10 Pacific-----	6.1	7.6	9.6	11.9	16.1	16.8	19.3	19.1	21.7	28.0	31.1	33.2	41.6	46.5	46.8
NEW ENGLAND															
11 Maine-----	9.7	7.8	16.1	16.0	25.5	22.3	21.0	21.4	31.5	40.3	39.4	46.0	65.6	51.0	57.2
12 New Hampshire-----	6.6	11.7	10.3	13.1	19.9	20.5	26.6	12.0	26.3	31.9	34.0	39.3	44.5	48.2	60.5
13 Vermont-----	5.6	8.9	7.5	18.0	18.3	18.4	22.7	20.9	22.2	35.9	36.1	36.5	56.9	49.6	68.3
14 Massachusetts-----	6.1	7.6	8.9	13.4	18.0	18.1	20.5	21.0	28.5	29.1	35.2	38.5	46.3	49.3	57.3
15 Rhode Island-----	6.4	12.2	9.2	13.2	13.2	16.1	22.5	18.3	21.6	25.0	33.5	27.5	39.1	40.3	44.1
16 Connecticut-----	6.3	6.1	6.9	9.6	10.6	15.3	15.4	19.0	19.6	28.2	25.8	25.8	25.3	40.9	42.7
MIDDLE ATLANTIC															
17 New York-----	6.6	8.5	10.1	11.9	17.6	18.5	21.1	22.3	23.4	29.7	32.1	37.8	40.4	49.0	52.5
18 New Jersey-----	6.9	7.4	9.9	12.9	16.0	15.9	18.1	19.8	27.3	29.9	32.3	36.6	37.9	38.9	46.0
19 Pennsylvania-----	6.7	10.0	12.8	15.2	22.3	25.5	24.8	26.9	31.0	32.5	33.1	38.6	48.1	52.1	54.8
EAST NORTH CENTRAL															
20 Ohio-----	5.4	8.8	11.8	12.7	18.0	19.2	22.4	20.8	25.2	32.2	39.8	39.4	46.1	49.8	62.0
21 Indiana-----	6.3	10.0	11.4	13.2	15.9	18.9	19.9	24.2	25.4	28.7	36.0	37.2	34.8	48.3	52.5
22 Illinois-----	6.9	8.8	10.4	13.3	17.5	18.2	20.2	20.9	24.8	29.7	31.4	35.6	39.0	44.6	49.6
23 Michigan-----	6.2	7.8	10.9	11.8	14.7	16.9	18.2	20.7	27.5	29.2	30.6	37.3	36.5	52.2	52.9
24 Wisconsin-----	6.1	10.5	10.7	14.8	14.1	18.5	20.2	17.8	23.1	28.1	27.9	29.1	36.4	42.2	39.8
WEST NORTH CENTRAL															
25 Minnesota-----	5.7	6.6	6.2	9.8	13.5	12.7	14.9	16.3	19.6	22.2	29.5	27.6	30.8	42.0	46.6
26 Iowa-----	4.9	7.5	8.6	10.1	17.4	19.0	16.2	19.4	27.3	39.0	29.9	33.5	48.1	46.4	54.0
27 Missouri-----	8.7	10.0	14.1	17.1	22.7	21.1	24.1	25.7	29.8	36.8	41.3	39.1	51.4	61.2	58.5
28 North Dakota-----	5.3	10.1	11.0	12.3	12.8	19.1	28.6	21.7	23.0	17.2	24.3	23.8	46.7	42.7	53.5
29 South Dakota-----	4.6	9.8	8.6	10.0	14.1	16.8	14.3	20.1	25.8	34.4	29.3	35.6	40.3	45.8	65.4
30 Nebraska-----	8.3	7.1	11.9	10.7	14.4	17.0	17.5	19.0	23.9	32.0	54.9	34.8	41.3	50.4	58.7
31 Kansas-----	5.6	9.1	10.7	15.2	18.8	20.0	23.0	25.9	28.5	37.3	37.1	41.3	43.3	56.7	61.1
SOUTH ATLANTIC															
32 Delaware-----	5.3	10.8	10.1	11.5	29.9	18.2	26.9	15.9	23.4	54.4	41.1	56.4	39.0	71.4	64.4
33 Maryland-----	5.5	8.8	10.2	11.9	16.5	18.3	18.5	19.9	24.8	27.8	37.1	37.6	42.2	47.0	53.6
34 District of Columbia-----	5.4	9.1	10.2	11.8	11.3	18.7	19.7	27.0	27.3	29.4	52.0	55.7	57.5	69.2	66.6
35 Virginia-----	10.6	14.1	17.4	17.2	21.1	28.8	32.4	40.1	44.9	50.6	53.1	54.5	58.3	58.3	56.3
36 West Virginia-----	10.3	12.1	16.4	14.7	17.0	22.5	23.4	23.5	29.2	33.3	32.7	39.1	50.4	52.9	51.7
37 North Carolina-----	11.6	18.8	16.9	19.8	28.1	29.2	33.0	34.2	39.8	51.6	47.3	52.7	54.2	65.9	64.9
38 South Carolina-----	17.9	23.9	26.4	28.0	34.0	36.9	44.6	53.2	62.3	67.8	69.1	78.6	77.0	90.1	95.1
39 Georgia-----	18.3	21.8	26.1	27.2	33.4	37.2	39.4	41.4	47.8	56.9	55.9	61.1	73.7	81.9	72.6
40 Florida-----	17.4	19.3	21.0	29.0	28.4	31.3	35.6	40.6	63.4	64.8	65.3	75.3	67.8	80.8	86.6
EAST SOUTH CENTRAL															
41 Kentucky-----	11.6	14.4	17.0	20.3	26.2	24.9	24.5	26.9	37.5	36.0	43.2	42.3	48.8	56.5	55.0
42 Tennessee-----	13.5	17.3	17.6	18.1	24.4	27.4	30.9	30.2	37.3	47.5	55.7	55.5	61.4	69.8	67.0
43 Alabama-----	18.9	22.3	26.0	25.3	33.0	37.8	33.0	33.0	52.5	61.3	58.8	67.5	63.3	74.2	62.2
44 Mississippi-----	23.3	26.2	25.5	31.4	38.0	39.0	39.2	43.9	56.6	62.8	59.4	59.0	70.6	69.4	66.8
WEST SOUTH CENTRAL															
45 Arkansas-----	17.5	20.8	18.7	20.0	28.9	28.1	37.2	37.0	40.3	48.7	56.8	54.9	69.1	75.8	61.7
46 Louisiana-----	12.4	16.4	18.7	20.6	25.1	34.4	32.0	34.6	43.5	53.4	61.8	58.9	71.7	87.2	78.8
47 Oklahoma-----	12.1	10.9	15.3	16.2	21.2	22.7	23.4	30.9	30.8	39.7	40.5	41.9	51.8	61.9	59.6
48 Texas-----	11.6	15.3	15.6	16.3	22.7	25.6	25.7	30.4	36.2	46.0	48.7	55.8	57.4	69.1	72.8
MOUNTAIN															
49 Montana-----	8.6	9.5	10.1	14.2	15.4	15.8	16.9	22.2	15.7	30.5	32.1	32.8	37.1	54.8	51.8
50 Idaho-----	8.9	6.4	10.1	14.8	19.9	25.1	22.5	26.2	27.3	35.9	21.7	40.8	45.3	44.0	63.4
51 Wyoming-----	2.7	11.0	8.4	18.5	11.2	10.6	14.1	23.4	21.2	41.6	34.7	32.3	37.5	50.5	41.3
52 Colorado-----	9.0	9.2	12.0	19.1	22.8	24.4	24.6	18.7	33.2	40.7	53.6	44.7	53.5	70.6	73.3
53 New Mexico-----	14.1	20.8	21.9	20.8	32.8	36.2	48.4	48.1	45.3	46.8	49.9	58.7	49.9	74.4	69.0
54 Arizona-----	14.6	14.6	18.5	20.7	29.1	27.8	27.6	38.7	30.0	50.2	43.9	47.8	54.3	91.1	58.0
55 Utah-----	3.3	6.7	8.6	14.1	13.0	15.0	17.9	17.1	18.9	26.6	30.8	30.3	33.1	43.8	46.5
56 Nevada-----	10.5	16.0	11.9	17.7	18.3	21.2	22.2	7.2	27.5	48.5	41.2	31.8	91.8	58.4	77.3
PACIFIC															
57 Washington-----	5.2	5.6	10.6	11.9	16.6	16.0	16.9	17.4	18.0	30.6	35.8	33.2	45.5	62.2	49.7
58 Oregon-----	5.7	4.3	9.1	9.9	13.2	17.2	15.6	16.9	20.9	25.2	23.9	35.1	40.1	64.4	53.9
59 California-----	6.4	8.5	9.4	12.2	16.3	16.9	20.4	19.8	22.7	27.9	31.0	32.9	40.9	46.5	44.8

¹Deaths for 1949 are classified according to the Sixth Revision of the International Lists, while deaths for 1939 through 1948 are classified according to the Fifth Revision. For deaths in the United States population as a whole, it is estimated that 9 percent fewer deaths are assigned to maternal causes under the Sixth Revision than under the Fifth. See text, page XVI and tables C and B4.

²By place of residence.

SUMMARY AND RATE TABLES

UNITED STATES, EACH DIVISION AND STATE, 1915-49

admission to the birth-registration area; for each geographic division, rates are shown from the year when the division, as a whole, became a part of the area)

1934	1933	1932	1931	1930	1929	1928	1927	1926	1925	1924	1923	1922	1921	1920	1919	1918	1917	1916	1915		
59.3	61.9	63.3	66.1	67.3	69.5	69.2	64.7	65.6	64.7	65.6	66.5	66.4	68.2	79.9	73.7	91.6	66.2	62.2	60.8	1	
52.8	63.2	58.8	62.6	61.6	67.3	62.5	63.9	63.6	61.4	65.6	65.3	65.7	64.3	---	---	87.3	62.4	60.6	59.1	2	
55.1	59.4	59.6	61.0	57.5	59.4	59.8	62.3	59.7	62.2	61.1	60.8	61.6	64.5	---	---	---	---	---	---	3	
54.7	55.9	57.2	58.3	59.1	65.5	61.6	60.8	65.4	61.4	62.4	66.7	64.5	---	---	---	---	---	---	---	4	
53.7	51.4	55.6	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	5
62.5	70.5	76.8	82.7	84.9	81.6	84.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	6
61.5	65.2	67.3	74.6	83.3	85.2	83.7	71.0	---	---	---	---	---	---	---	---	---	---	---	---	---	7
70.3	76.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	8
64.5	60.9	68.7	86.9	71.0	74.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	9
46.3	50.7	58.0	80.7	54.1	57.8	63.0	60.0	60.4	61.6	62.2	67.4	74.9	71.4	83.0	64.5	---	---	---	---	---	10
59.6	70.1	63.9	79.1	71.6	72.5	74.1	79.5	66.9	72.2	82.3	87.0	75.6	74.0	84.8	85.8	85.7	67.3	78.0	67.9	11	
57.2	69.1	59.9	68.3	62.3	74.7	63.4	64.8	75.7	71.2	61.3	74.1	64.5	62.2	71.4	79.7	77.8	70.0	72.4	61.0	12	
39.4	57.1	71.3	76.4	66.3	77.3	58.2	72.6	67.2	67.9	81.0	69.6	74.5	73.1	70.2	79.6	79.9	83.6	78.5	61.2	13	
53.6	67.0	60.1	65.2	64.3	67.4	64.2	63.0	64.2	63.3	64.7	62.9	67.8	65.2	74.6	70.6	92.2	85.0	59.8	57.2	14	
55.1	57.0	60.0	54.7	56.6	78.9	59.9	64.1	59.6	52.1	63.4	63.0	55.2	71.0	---	---	98.1	83.5	58.1	66.2	15	
47.3	50.4	48.0	43.4	49.5	54.3	53.1	55.3	57.6	49.1	57.1	57.3	57.0	52.8	68.0	62.2	74.9	51.0	48.9	56.1	16	
55.2	62.0	59.2	59.2	55.6	56.0	59.0	60.6	56.5	59.6	58.6	57.3	80.2	62.7	68.7	62.4	79.7	57.4	54.3	58.6	17	
53.2	53.5	57.5	57.3	56.4	54.6	59.1	62.6	57.6	64.3	62.3	57.0	64.1	58.5	---	---	---	---	---	---	18	
58.1	56.3	60.8	64.5	60.0	65.0	61.0	64.0	63.7	64.2	63.3	65.9	62.3	68.3	77.6	68.2	104.6	64.9	70.1	64.3	19	
60.3	60.7	62.9	65.1	62.6	67.0	64.1	61.9	67.1	67.6	64.1	71.5	66.2	72.2	79.5	73.8	96.8	71.3	---	---	20	
57.9	58.8	56.9	61.1	62.4	70.4	62.0	65.7	64.0	60.5	58.1	64.9	66.0	68.6	87.5	84.2	103.9	72.5	---	---	21	
51.5	49.8	56.0	55.5	54.6	67.9	57.3	55.6	65.0	58.3	61.6	64.1	63.2	---	---	---	---	---	---	---	22	
57.0	60.6	60.2	60.3	62.0	65.8	66.3	68.0	67.2	63.7	65.3	70.3	68.5	68.5	93.2	77.2	65.9	74.2	66.2	66.8	23	
43.4	49.6	44.1	44.7	53.7	51.3	58.0	52.8	59.6	52.3	60.5	58.1	55.8	58.1	67.3	48.0	54.6	57.3	---	---	24	
45.3	43.6	47.8	48.8	52.9	43.0	56.5	44.4	57.4	52.8	49.7	60.2	49.5	57.2	78.5	67.4	3.3	55.7	54.6	51.9	25	
50.9	53.1	54.1	49.8	58.7	55.8	48.4	58.9	60.4	55.9	59.8	---	---	---	---	---	---	---	---	---	26	
61.3	58.3	67.4	73.4	61.4	72.7	69.8	67.4	---	---	---	---	---	---	---	---	---	---	---	---	27	
47.4	49.3	44.1	48.7	58.2	54.6	57.5	51.0	42.9	61.5	56.9	---	---	---	---	---	---	---	---	---	28	
50.9	48.2	37.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	29
52.2	45.9	52.5	54.5	57.8	61.3	60.3	59.2	66.5	57.1	63.2	57.9	58.0	65.8	71.5	---	---	---	---	---	30	
60.4	54.6	61.5	62.2	73.0	68.0	77.1	63.1	69.7	65.4	62.7	68.4	75.9	64.3	64.3	82.5	114.3	75.9	---	---	31	
57.7	68.8	81.5	70.8	64.8	63.0	55.7	58.6	92.9	77.0	76.9	83.7	65.8	63.2	---	---	---	---	---	---	32	
51.9	49.9	51.0	61.5	55.9	55.5	65.1	57.5	57.8	58.2	65.5	80.0	59.4	66.5	75.7	83.6	95.3	68.0	63.9	---	33	
38.5	50.2	89.6	70.6	89.6	69.7	85.1	86.3	77.4	86.7	121.8	101.0	70.5	101.3	88.4	85.6	90.7	85.5	101.4	89.7	34	
64.2	63.0	70.7	74.7	70.7	70.6	75.2	61.5	79.8	70.1	65.2	74.4	71.8	70.0	86.5	82.6	107.0	81.8	---	---	35	
55.5	56.6	57.2	56.2	59.6	56.7	56.7	61.5	70.6	63.3	---	---	---	---	---	---	---	---	---	---	36	
71.4	66.1	67.9	79.7	83.2	84.4	78.5	65.6	88.3	86.6	77.5	79.6	79.5	73.5	100.0	92.6	107.9	82.4	---	---	37	
86.5	80.4	93.9	102.2	113.7	114.1	108.6	---	---	---	107.8	97.1	106.8	98.1	122.0	111.6	---	---	---	---	38	
76.1	75.3	92.3	99.2	105.6	92.6	106.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---	39
83.8	115.3	101.5	103.9	102.2	94.9	101.1	109.9	106.9	121.4	121.4	---	---	---	---	---	---	---	---	---	---	40
54.4	53.3	57.1	64.3	64.5	66.2	59.7	49.4	58.4	59.5	61.8	59.6	60.7	62.7	64.4	63.2	80.0	60.1	---	---	41	
62.2	59.6	72.4	74.3	83.9	87.0	88.6	71.0	---	---	---	---	---	---	---	---	---	---	---	---	---	42
63.9	74.8	76.1	81.3	90.5	96.5	94.3	79.6	---	---	---	---	---	---	---	---	---	---	---	---	---	43
66.2	73.4	62.7	79.8	96.1	88.6	94.4	86.7	78.7	98.3	95.1	88.1	83.2	95.3	---	---	---	---	---	---	44	
63.7	77.7	66.0	71.4	93.7	91.4	88.0	89.7	---	---	---	---	---	---	---	---	---	---	---	---	---	45
79.3	84.0	80.8	85.8	100.0	99.4	114.2	90.9	---	---	---	---	---	---	---	---	---	---	---	---	---	46
59.6	65.0	72.1	62.2	68.7	82.3	71.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47
73.4	71.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48
57.3	57.0	66.0	72.6	69.2	83.6	75.2	66.3	80.2	81.1	65.6	75.5	79.1	---	---	---	---	---	---	---	---	49
61.9	43.2	52.7	50.7	65.4	61.3	68.3	60.0	56.9	---	---	---	---	---	---	---	---	---	---	---	---	50
61.3	57.0	65.9	84.4	91.7	63.3	64.5	87.2	93.4	95.2	97.6	72.7	71.3	---	---	---	---	---	---	---	---	51
75.1	62.3	74.4	70.2	74.4	86.4	96.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	52
74.4	66.2	91.2	72.2	88.5	87.2	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	53
69.5	65.2	81.0	82.2	64.6	79.1	77.1	89.0	102.5	---	---	---	---	---	---	---	---	---	---	---	---	54
45.1	44.5	43.4	42.4	49.4	49.3	48.6	75.4	43.6	51.7	45.1	49.8	56.5	72.6	79.1	83.6	86.3	59.4	---	---	55	
62.8	81.3	63.5	98.1	105.1	62.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	56
49.2	63.7	60.3	63.6	62.1	61.8	72.1	66.5	75.0	60.2	70.9	66.5	78.8	77.7	92.0	88.0	98.5	73.7	---	---	57	
61.2	54.8	46.7	45.4	57.9	68.9	61.3	63.6	59.0	72.3	64.9	68.7	82.8	74.3	84.4	101.2	---	---	---	---	58	
43.0	46.4	56.3	62.4	51.3	56.5	60.8	57.6	56.4	60.1	59.2	67.5	71.9	68.3	76.9	79.8	---	---	---	---	59	

VITAL STATISTICS OF THE UNITED STATES

TABLE VI—CRUDE MARRIAGE RATES BY PLACE OF OCCURRENCE: UNITED STATES, EACH DIVISION AND STATE, 1940-49

(Includes partial or complete estimates for some States. Rates per 1,000 estimated total midyear population present in area)

AREA	1949	1948	1947	1946	1945	1944 ¹	1943	1942	1941	1940
UNITED STATES.....	10.6	12.4	13.9	16.4	12.2	11.0	11.6	13.2	12.7	12.1
GEOGRAPHIC DIVISIONS										
New England.....	9.0	10.7	12.0	13.9	9.7	8.5	9.1	11.5	12.0	10.6
Middle Atlantic.....	8.8	10.5	11.5	13.2	9.2	8.0	8.8	10.1	10.0	9.4
East North Central.....	9.2	11.2	12.7	14.8	10.0	8.4	---	---	---	9.6
West North Central.....	9.7	11.4	13.4	16.7	11.6	9.6	---	---	---	14.3
South Atlantic.....	12.1	14.3	15.4	18.6	14.8	14.1	---	---	---	13.5
East South Central.....	13.0	13.9	17.1	21.0	14.9	12.9	---	---	---	16.2
West South Central.....	12.9	14.6	15.9	18.1	15.7	15.6	---	---	---	14.6
Mountain.....	25.1	28.7	31.4	34.8	24.1	19.9	---	---	---	26.6
Pacific.....	8.4	9.5	10.5	12.3	11.6	11.1	11.6	11.8	8.7	7.9
NEW ENGLAND										
Maine.....	8.9	11.7	13.1	16.0	10.3	8.6	9.0	11.6	11.6	12.0
New Hampshire.....	14.2	16.6	18.6	21.0	13.0	10.0	9.8	14.2	13.4	12.2
Vermont.....	9.2	10.9	12.3	14.5	8.6	7.7	8.4	10.2	12.6	13.7
Massachusetts.....	8.3	9.7	10.8	12.7	9.2	8.3	8.8	11.0	12.1	10.4
Rhode Island.....	9.0	11.1	12.2	14.2	10.3	8.8	9.1	10.9	11.0	8.6
Connecticut.....	9.2	10.9	12.5	13.9	9.7	8.7	9.6	12.1	11.8	10.1
MIDDLE ATLANTIC										
New York.....	9.1	10.8	11.8	13.5	9.6	8.5	9.6	10.7	10.8	9.8
New Jersey.....	9.3	11.1	12.4	13.8	9.8	8.7	9.8	11.9	11.0	9.9
Pennsylvania.....	8.1	9.6	10.6	12.5	8.4	7.0	7.4	26.5	26.6	28.6
EAST NORTH CENTRAL										
Ohio.....	7.5	² 10.5	12.1	14.2	9.8	8.2	6.7	11.2	14.8	12.1
Indiana.....	² 12.4	² 14.2	² 15.7	² 18.3	² 12.5	² 10.3	---	---	---	11.6
Illinois ²	10.2	11.9	13.1	14.9	10.4	8.6	8.2	8.5	9.1	8.0
Michigan.....	8.5	10.0	11.8	13.4	8.8	7.6	6.2	9.6	8.5	8.8
Wisconsin.....	8.4	10.0	11.0	12.4	8.6	7.1	7.4	8.1	8.2	7.4
WEST NORTH CENTRAL										
Minnesota.....	² 9.8	² 11.6	² 12.9	² 14.1	² 10.2	8.6	8.9	10.1	11.1	9.9
Iowa.....	10.0	11.5	12.4	13.6	9.6	7.6	5.8	5.4	10.5	19.1
Missouri.....	9.5	² 11.1	² 11.5	² 12.5	² 9.1	² 7.4	---	---	---	19.0
North Dakota.....	8.3	9.8	10.1	10.2	7.0	5.8	5.4	5.2	6.8	6.6
South Dakota.....	10.5	12.4	13.8	15.2	10.3	9.2	8.7	7.2	7.5	6.5
Nebraska.....	9.9	12.0	11.9	11.5	8.7	7.6	11.2	15.1	14.9	12.2
Kansas.....	9.4	11.3	21.6	39.7	25.6	20.6	14.4	14.9	14.5	11.9
SOUTH ATLANTIC										
Delaware.....	8.1	8.4	16.6	27.7	21.5	22.0	25.3	26.2	23.2	18.0
Maryland.....	² 20.5	² 24.5	² 26.0	² 30.4	² 22.6	² 20.0	21.0	29.2	30.5	21.4
District of Columbia ²	11.9	15.2	13.9	16.4	13.9	12.8	14.9	18.2	13.9	11.3
Virginia.....	10.1	11.5	12.6	14.7	11.1	9.5	10.9	13.5	12.4	19.4
West Virginia.....	27.1	28.6	29.8	212.7	29.9	27.8	26.6	29.5	28.4	4.3
North Carolina.....	26.9	27.8	28.6	10.6	7.5	28.6	26.8	26.7	24.9	4.2
South Carolina.....	² 19.7	² 23.8	² 24.6	² 30.9	² 25.2	² 28.8	---	---	---	22.8
Georgia.....	² 16.0	² 20.8	² 20.9	² 24.1	² 16.8	² 13.9	---	---	---	12.6
Florida.....	8.2	8.3	9.4	12.3	16.0	20.3	22.3	22.3	17.9	17.0
EAST SOUTH CENTRAL										
Kentucky.....	² 20.5	² 22.8	² 25.6	² 30.3	² 20.1	² 15.4	² 14.3	² 15.5	² 11.2	26.8
Tennessee.....	4.6	4.7	5.4	7.0	5.5	5.1	---	---	---	10.5
Alabama.....	6.5	7.0	15.6	19.3	14.5	13.7	19.3	16.1	13.8	12.0
Mississippi.....	25.4	26.1	25.8	31.8	21.8	19.3	20.3	22.2	18.8	15.7
WEST SOUTH CENTRAL										
Arkansas.....	24.0	² 24.0	24.1	29.2	21.2	² 23.1	² 21.4	² 22.4	19.5	22.4
Louisiana.....	9.9	11.2	² 12.7	² 15.0	² 13.5	² 13.2	---	---	---	11.6
Oklahoma.....	20.7	29.8	² 9.8	11.1	13.0	16.1	---	---	---	14.4
Texas.....	² 12.5	² 14.9	² 16.9	² 20.0	² 15.8	² 14.5	---	---	---	13.5
MOUNTAIN										
Montana.....	12.4	13.3	19.0	26.2	17.6	13.9	---	---	---	15.6
Idaho.....	13.2	15.1	15.4	14.5	8.8	² 9.8	² 11.7	² 23.5	² 21.8	17.0
Wyoming.....	12.4	13.9	14.3	14.9	10.5	² 10.8	10.7	14.6	12.4	11.7
Colorado.....	² 10.1	² 11.7	² 12.6	² 13.7	² 10.9	² 9.7	---	---	---	6.5
New Mexico.....	25.9	27.9	27.9	32.6	22.5	² 21.4	---	---	---	22.8
Arizona.....	31.9	² 34.9	² 36.6	42.3	34.4	² 27.6	² 30.2	² 34.5	² 43.8	46.4
Utah.....	29.5	11.1	² 12.2	² 15.0	² 11.5	² 10.4	10.6	10.3	12.9	14.9
Nevada.....	² 24.0	² 32.3	² 37.2	² 40.2	² 33.5	² 18.9.5	² 19.4.4	² 41.5.8	² 45.0.8	348.5
PACIFIC										
Washington ²	13.6	15.1	17.4	19.6	16.9	15.9	18.4	23.5	18.8	15.1
Oregon.....	7.2	8.3	8.7	10.5	7.5	6.8	7.5	7.6	6.6	5.5
California.....	7.4	8.4	9.3	10.9	10.8	10.5	10.6	9.6	6.6	6.5

¹For some States, marriage license rates differ slightly from those published in Vital Statistics—Special Reports, volume 34.²Based on marriage licenses.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

SUMMARY AND RATE TABLES

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**TABLE VII.—CRUDE DIVORCE RATES BY PLACE OF OCCURRENCE, BY DIVISION AND STATE:
UNITED STATES, 1940-49**

(Includes reported annulments and partial or complete estimates for some States. Rates per 1,000 estimated midyear population)

AREA	1949 ¹	1948 ¹	1947 ¹	1946 ²	1945 ²	1944 ²	1943 ²	1942 ²	1941 ²	1940 ²
UNITED STATES	2.7	2.8	3.4	4.3	5.5	2.9	2.6	2.4	2.2	2.0
GEOGRAPHIC DIVISIONS										
New England	1.5	1.7	2.2	2.6	1.9	1.7	1.4	1.4	1.3	1.2
Middle Atlantic	---	---	---	---	---	---	---	---	---	0.9
East North Central	---	---	---	---	---	---	---	---	---	2.0
West North Central	2.4	2.4	3.2	4.8	3.8	---	---	---	---	2.0
South Atlantic	---	---	---	---	---	---	---	---	---	---
East South Central	---	---	---	---	---	---	---	---	---	1.8
West South Central	---	---	---	---	---	---	---	---	---	3.5
Mountain	---	---	---	---	---	---	---	---	---	4.1
Pacific	---	4.0	4.9	5.4	5.2	---	---	---	---	3.4
NEW ENGLAND										
Maine	2.3	2.5	3.4	4.7	3.2	2.8	2.3	2.1	2.1	1.8
New Hampshire	2.0	2.5	2.9	4.2	3.2	2.1	2.0	2.0	2.1	1.5
Vermont	1.5	1.5	2.1	3.0	2.0	1.7	1.6	1.4	1.2	1.2
Massachusetts	1.4	1.5	2.2	2.3	1.7	1.6	1.3	1.3	1.1	1.1
Rhode Island	1.3	1.0	2.0	2.1	1.7	1.4	1.1	1.1	0.9	0.9
Connecticut	1.4	1.4	1.7	2.0	1.5	1.3	1.2	1.3	1.2	1.0
MIDDLE ATLANTIC										
New York	---	---	---	---	---	---	---	---	---	0.8
New Jersey	1.2	1.5	2.0	1.8	1.4	---	---	---	---	0.8
Pennsylvania	1.3	1.4	1.6	2.1	1.4	---	---	---	---	1.0
EAST NORTH CENTRAL										
Ohio	2.9	3.2	3.8	4.7	3.8	2.9	2.8	2.7	2.6	2.5
Indiana	---	---	---	---	---	---	---	---	---	2.5
Illinois	2.8	---	---	---	---	---	---	---	---	1.6
Michigan	2.6	2.5	3.5	5.0	3.9	3.4	2.9	2.6	2.5	2.3
Wisconsin	1.4	1.5	1.9	2.6	2.2	1.8	1.5	1.5	1.3	1.1
WEST NORTH CENTRAL										
Minnesota	1.4	1.6	2.0	2.9	2.1	1.6	1.3	1.2	1.2	1.1
Iowa	2.1	2.3	2.8	4.2	3.5	2.8	2.3	2.0	2.1	1.9
Missouri	3.6	3.2	4.5	7.3	5.7	5.0	4.4	3.9	3.4	3.2
North Dakota	1.1	1.2	1.5	1.9	1.4	---	---	---	---	0.8
South Dakota	1.5	1.7	2.2	2.8	2.3	1.7	1.5	1.2	1.2	1.2
Nebraska	2.0	2.2	2.7	3.8	2.9	2.2	1.9	1.6	1.7	1.6
Kansas	2.4	3.2	3.9	5.3	4.4	3.3	2.8	2.5	2.4	2.1
SOUTH ATLANTIC										
Delaware	2.6	1.3	2.7	1.2	1.8	1.4	1.6	1.4	1.1	0.8
Maryland	2.1	2.6	2.9	3.8	3.4	3.1	2.8	2.7	2.2	1.8
District of Columbia	1.9	2.2	2.3	2.7	2.3	1.5	2.0	2.2	2.0	2.0
Virginia	1.9	2.2	2.2	3.0	2.6	2.4	2.1	1.9	1.6	2.0
West Virginia	---	---	---	---	---	---	---	---	---	1.6
North Carolina	---	---	1.9	2.7	1.9	---	---	---	---	1.1
South Carolina	---	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Georgia	---	---	---	---	---	---	---	---	---	1.4
Florida	6.6	6.9	8.2	11.1	10.4	9.5	8.1	6.3	6.0	5.9
EAST SOUTH CENTRAL										
Kentucky	---	---	---	---	---	---	---	---	---	2.1
Tennessee	2.3	2.6	3.0	4.6	---	---	---	---	---	1.9
Alabama	2.9	3.2	3.6	5.0	4.1	4.7	4.1	4.2	4.0	1.6
Mississippi	3.0	3.3	3.4	4.8	3.4	3.5	2.9	2.0	1.8	1.5
WEST SOUTH CENTRAL										
Arkansas	5.3	4.9	5.3	7.8	11.2	5.5	4.0	5.2	4.2	2.7
Louisiana	---	---	---	---	---	---	---	---	---	1.4
Oklahoma	---	---	---	---	---	---	---	---	---	4.2
Texas	5.0	5.2	5.9	8.2	7.7	6.4	6.1	5.0	4.4	4.3
MOUNTAIN										
Montana	3.5	3.9	4.7	6.5	5.2	3.8	---	---	---	3.1
Idaho	4.8	5.8	6.5	---	---	---	---	---	---	3.2
Wyoming	4.4	4.6	5.7	6.5	5.7	4.7	4.0	3.0	---	4.1
Colorado	---	---	---	---	---	---	---	---	---	2.5
New Mexico	4.6	4.4	5.5	7.1	6.3	---	---	---	---	2.2
Arizona	6.2	---	3.5	4.5	4.5	---	---	---	---	3.8
Utah	3.2	3.3	4.5	5.4	4.5	3.4	3.4	2.5	2.4	2.7
Nevada	67.9	69.2	90.2	136.4	121.0	98.4	85.9	65.0	50.8	46.3
PACIFIC										
Washington	---	3.5	4.8	6.0	5.1	---	---	---	---	3.7
Oregon	4.2	4.3	4.6	7.3	6.2	5.3	4.9	4.2	3.7	3.1
California	3.7	4.0	5.0	5.0	4.9	4.5	3.8	3.5	3.4	3.3

¹Rates for all areas based on total population present in area.

²Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population present in area. United States rates on civilian population base were: 4.4 (1946); 3.8 (1945); 5.2 (1944); 2.8 (1943); 2.5 (1942); 2.2 (1941); 2.0 (1940).

³No divorces permitted until 1949. Figures on annulments not available.

⁴Incomplete.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

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TABLE VIII.—CRUDE BIRTH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-49

(Rates based on live births per 1,000 estimated midyear population)

AREA	1945 ¹	1948 ²	1947 ¹	1946 ²	1945 ²	1944 ²	1943 ²	1942 ²	1941 ²	1940 ²	1939	1938	1937	1936	1935
UNITED STATES-----	24.0	24.2	25.8	23.3	19.5	20.2	21.5	20.8	18.8	17.9	17.3	17.6	17.1	16.7	16.9
GEOGRAPHIC DIVISIONS															
New England-----	20.9	21.7	24.3	22.0	19.5	19.8	21.6	20.0	16.8	15.7	15.0	14.8	14.7	14.7	15.0
Middle Atlantic-----	20.8	21.4	23.7	21.7	19.3	19.0	20.6	19.4	16.5	15.3	14.7	15.0	14.7	14.6	14.8
East North Central-----	23.7	23.6	25.3	22.9	19.7	20.1	21.6	21.1	18.4	17.1	16.4	17.1	16.3	15.8	15.7
West North Central-----	24.1	24.4	25.0	23.5	20.9	21.5	21.4	20.2	18.5	17.5	16.9	17.0	16.6	16.6	16.6
South Atlantic-----	26.0	26.3	27.4	25.6	24.2	25.2	25.9	23.7	22.0	20.8	20.4	20.6	20.5	19.9	20.5
East South Central-----	27.6	27.9	29.1	27.5	24.9	26.4	26.9	24.7	22.6	21.8	21.2	21.9	21.2	20.8	21.4
West South Central-----	26.2	26.2	27.1	25.8	24.2	26.1	25.6	23.1	21.8	20.1	19.2	19.6	18.7	18.2	18.7
Mountain-----	28.5	29.0	30.0	27.0	24.7	25.7	25.8	23.4	22.0	21.9	21.4	21.8	21.0	20.5	20.5
Pacific-----	23.5	23.2	24.4	22.5	20.7	21.6	22.9	20.6	17.3	16.2	15.3	15.4	14.6	13.6	13.2
NEW ENGLAND															
Maine-----	24.3	25.1	28.0	24.2	21.4	22.8	24.2	21.4	18.9	18.0	17.9	18.3	18.4	18.5	19.1
New Hampshire-----	22.6	24.5	26.7	22.7	18.8	19.2	20.5	19.0	17.5	16.9	15.9	16.0	15.7	16.0	16.2
Vermont-----	25.3	26.2	27.4	24.5	21.3	21.6	23.0	20.9	20.0	19.4	18.4	18.2	18.3	18.6	18.8
Massachusetts-----	20.0	20.8	23.4	21.5	18.9	19.3	21.0	19.4	16.1	15.1	14.4	13.8	13.9	13.9	14.3
Rhode Island-----	20.8	21.5	24.2	22.7	20.1	20.2	21.3	20.2	16.4	15.3	14.9	15.1	14.7	14.8	15.0
Connecticut-----	20.4	21.3	23.5	21.9	19.4	19.6	22.3	20.8	16.7	14.9	14.1	14.4	13.8	13.6	13.6
MIDDLE ATLANTIC															
New York-----	20.4	21.0	23.0	21.2	19.1	18.6	20.0	19.8	15.7	14.6	13.9	14.1	13.8	13.6	13.9
New Jersey-----	20.4	21.0	23.6	22.0	19.6	18.8	20.4	19.6	16.1	14.4	13.9	13.9	13.6	13.4	13.5
Pennsylvania-----	21.6	22.2	24.8	22.4	19.3	19.5	21.4	20.3	17.6	16.7	16.3	16.7	16.5	16.4	16.5
EAST NORTH CENTRAL															
Ohio-----	23.7	23.4	25.4	22.7	19.4	19.7	21.1	20.8	18.2	16.6	15.8	16.4	15.7	15.1	14.8
Indiana-----	24.2	24.2	25.8	23.5	20.2	21.1	21.9	21.3	19.0	18.0	17.1	17.6	16.5	16.0	15.7
Illinois-----	21.9	21.8	23.7	21.7	18.6	19.0	20.6	19.8	17.3	15.8	15.1	15.8	14.9	14.5	14.5
Michigan-----	25.1	25.1	26.6	23.8	20.7	21.2	23.5	23.1	20.1	18.7	18.3	19.2	18.4	18.1	18.1
Wisconsin-----	24.9	25.0	26.1	23.9	21.0	21.0	21.8	21.0	18.2	17.5	17.4	17.8	17.5	17.2	17.2
WEST NORTH CENTRAL															
Minnesota-----	25.4	25.5	27.1	24.8	21.7	22.4	23.1	22.1	19.8	19.0	18.1	18.3	17.6	17.6	17.1
Iowa-----	24.3	24.4	26.3	23.6	20.4	21.0	20.7	20.1	18.7	17.8	17.2	17.3	16.9	17.0	16.5
Missouri-----	21.8	22.2	23.7	21.8	19.3	19.8	20.3	18.8	17.3	16.3	15.5	15.5	15.1	14.9	15.3
North Dakota-----	28.9	29.5	30.9	28.2	25.2	25.9	24.5	22.8	21.5	20.6	20.1	20.1	19.4	20.7	20.5
South Dakota-----	27.8	27.9	29.0	26.4	24.1	24.3	23.1	21.3	19.9	18.9	18.7	18.4	18.3	19.5	19.2
Nebraska-----	24.6	25.1	26.0	23.0	21.0	21.5	21.0	19.4	17.4	16.8	16.9	16.9	16.7	17.6	17.1
Kansas-----	23.5	23.8	25.5	23.0	21.1	21.7	20.9	19.9	17.6	16.2	16.1	16.1	15.7	16.0	16.3
SOUTH ATLANTIC															
Delaware-----	25.1	22.9	24.9	22.8	21.5	22.0	23.2	20.7	18.7	17.0	16.4	17.0	17.2	15.4	15.9
Maryland-----	22.9	23.3	24.5	23.2	21.4	22.3	23.9	22.8	19.7	17.7	16.8	17.3	16.5	15.9	16.3
District of Columbia-----	25.6	23.7	23.6	20.9	20.1	19.3	19.4	19.2	16.2	16.6	16.3	16.3	16.5	15.6	15.4
Virginia-----	25.2	25.2	26.8	24.7	24.0	25.2	26.0	24.5	22.3	21.3	20.1	20.3	19.9	19.8	20.0
West Virginia-----	27.1	27.4	29.0	26.6	22.9	24.2	24.7	23.6	23.2	22.2	22.1	22.9	22.8	22.0	22.6
North Carolina-----	27.4	28.5	30.1	28.0	26.1	27.2	28.2	25.7	23.8	22.5	22.4	23.0	23.1	22.4	23.4
South Carolina-----	29.2	29.3	30.3	28.9	27.5	28.9	30.3	26.3	25.3	23.6	22.7	22.0	21.9	21.3	22.1
Georgia-----	27.8	28.3	28.8	26.7	25.2	25.9	26.3	23.5	21.8	20.8	20.6	20.7	20.6	20.4	21.1
Florida-----	23.0	22.9	23.5	22.7	22.9	24.0	23.2	20.4	18.9	17.7	17.6	17.6	17.4	17.1	17.4
EAST SOUTH CENTRAL															
Kentucky-----	26.6	27.3	28.6	27.1	24.1	25.5	25.5	24.7	22.9	22.5	21.6	22.4	20.5	20.6	21.4
Tennessee-----	25.4	25.4	27.2	25.3	22.9	24.2	24.9	23.4	20.3	18.8	18.5	19.0	18.5	16.1	19.1
Alabama-----	28.1	28.6	29.7	27.7	25.8	27.4	28.4	25.5	22.9	22.2	21.8	22.1	22.0	21.6	22.5
Mississippi-----	32.0	31.6	32.0	30.9	27.6	29.3	29.6	26.8	25.0	24.3	23.7	25.1	24.7	23.6	23.1
WEST SOUTH CENTRAL															
Arkansas-----	24.9	26.5	27.0	25.8	23.5	24.3	24.2	23.0	21.6	19.8	18.3	19.2	18.5	17.7	18.8
Louisiana-----	28.7	28.2	28.8	27.3	24.9	26.7	26.7	24.5	22.8	21.5	20.8	21.1	20.1	19.2	18.6
Oklahoma-----	23.4	23.8	25.0	23.7	22.0	23.2	23.3	23.0	22.6	19.5	18.7	19.1	17.9	17.7	18.4
Texas-----	26.4	26.1	27.1	25.9	24.8	26.6	26.4	22.6	21.3	19.9	19.1	19.3	18.7	18.1	18.8
MOUNTAIN															
Montana-----	27.3	28.1	29.3	28.0	23.1	23.9	23.9	22.5	21.2	20.8	19.9	19.7	19.0	19.3	18.7
Idaho-----	27.9	29.2	31.2	27.2	24.6	26.0	26.1	23.1	22.6	22.5	21.5	22.5	21.1	21.4	20.4
Wyoming-----	27.1	27.6	28.4	24.2	23.6	24.7	25.0	22.4	21.4	21.1	20.3	20.6	19.4	20.4	19.1
Colorado-----	26.3	27.5	27.4	25.8	22.2	22.6	22.8	21.2	18.9	18.6	18.5	18.7	18.0	17.1	17.7
New Mexico-----	34.2	34.7	35.4	33.1	31.0	32.1	30.7	26.9	27.9	27.7	27.2	27.9	27.6	26.5	26.0
Arizona-----	27.9	27.0	27.9	25.5	23.8	25.6	25.6	22.1	21.2	22.6	22.4	22.6	22.2	20.4	19.7
Utah-----	31.3	31.2	33.3	28.8	26.7	27.9	29.6	27.5	24.2	24.2	23.5	24.3	23.5	23.3	23.7
Nevada-----	23.1	23.2	26.4	23.0	23.0	23.7	23.6	21.9	18.6	18.8	18.6	18.4	17.3	15.1	14.8
PACIFIC															
Washington-----	23.8	24.0	25.7	23.1	20.8	22.0	23.7	21.7	17.7	16.3	15.6	16.0	15.2	14.4	14.0
Oregon-----	23.7	23.8	24.6	21.6	18.8	19.4	22.0	19.8	16.9	16.0	15.3	15.1	14.6	13.6	13.1
California-----	23.4	23.0	24.1	22.5	21.0	21.8	22.9	20.5	17.3	16.2	15.3	15.4	14.5	13.4	13.0

¹Rates for all areas based on total population present in area.²Rate for the United States based on population including armed forces overseas; rates for States and geographic divisions based on civilian population in area. United States rates for civilian population base were: 23.8 (1946); 21.4 (1945); 22.1 (1944); 23.0 (1943); 21.5 (1942); 19.1 (1941); 17.9 (1940).

NOTE.—For discussion of population base, see section on "Population estimates" in text.

SUMMARY AND RATE TABLES

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TABLE IX.—CRUDE DEATH RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1935-49

(Exclusive of fetal deaths. Rates per 1,000 estimated midyear population)

AREA	1949 ¹	1948 ¹	1947 ¹	1946 ¹	1945 ²	1944 ¹	1943 ¹	1942 ¹	1941 ¹	1940 ¹	1939	1938	1937	1936	1935
UNITED STATES -----	9.7	9.9	10.1	10.0	10.6	10.6	10.9	10.4	10.5	10.7	10.6	10.6	11.3	11.6	10.9
GEOGRAPHIC DIVISIONS															
New England-----	10.5	10.9	11.1	11.3	11.9	12.0	12.6	11.5	11.4	11.7	11.6	11.5	12.0	12.0	11.8
Middle Atlantic-----	10.4	10.8	11.1	11.1	12.1	11.9	12.5	11.3	11.0	11.2	11.0	10.9	11.5	11.5	11.1
East North Central-----	10.1	10.1	10.8	10.4	11.2	11.1	11.5	10.8	10.7	11.0	10.9	10.7	11.3	11.8	11.0
West North Central-----	10.2	10.4	10.8	10.6	11.2	11.1	11.0	10.2	10.3	10.3	10.2	10.1	10.6	11.4	10.5
South Atlantic-----	8.8	8.0	8.0	8.8	9.3	9.4	9.5	9.4	10.1	10.4	10.2	10.7	11.2	11.8	11.2
East South Central-----	9.3	8.3	9.4	9.3	9.7	9.8	9.7	9.5	10.2	10.4	10.2	10.5	11.1	11.6	10.6
West South Central-----	8.5	8.7	8.7	8.4	8.8	9.0	9.0	8.9	9.3	9.7	9.4	9.5	10.3	10.5	9.7
Mountain-----	9.0	9.5	9.6	9.4	10.1	10.0	9.8	9.8	9.8	10.2	10.4	10.6	11.6	11.8	11.5
Pacific-----	9.5	9.5	9.5	9.5	9.8	10.1	10.6	10.7	10.9	11.4	11.1	11.2	12.0	11.9	11.6
NEW ENGLAND															
Maine-----	11.2	11.3	11.7	11.9	12.6	12.9	13.6	12.5	12.3	12.5	12.8	12.6	13.8	13.7	13.4
New Hampshire-----	11.7	12.1	12.5	12.3	12.9	13.6	13.4	11.5	12.3	12.6	13.0	13.3	13.7	13.4	13.6
Vermont-----	11.3	11.4	12.4	12.1	12.4	13.5	14.1	12.3	12.5	13.0	12.9	13.1	14.2	14.1	13.6
Massachusetts-----	10.6	11.1	11.2	11.6	12.3	12.4	12.9	11.7	11.6	11.8	11.6	11.2	11.8	11.8	11.4
Rhode Island-----	10.2	10.4	10.9	10.8	10.8	10.9	12.0	11.2	11.0	11.2	11.2	11.9	12.1	11.9	11.7
Connecticut-----	9.4	9.9	9.9	10.1	10.7	10.6	11.2	10.2	10.4	10.5	10.6	10.6	10.9	10.9	10.8
MIDDLE ATLANTIC															
New York-----	10.5	11.0	11.2	11.3	12.3	12.1	12.8	11.4	11.0	11.1	11.1	10.9	11.4	11.4	11.2
New Jersey-----	10.0	10.3	10.7	10.5	11.8	11.5	12.0	11.0	10.9	11.0	10.9	10.8	11.2	11.1	10.7
Pennsylvania-----	10.4	10.7	11.0	11.0	12.1	12.0	12.3	11.3	11.0	11.3	11.0	10.9	11.9	11.7	11.2
EAST NORTH CENTRAL															
Ohio-----	10.1	10.2	10.6	10.5	11.5	11.7	12.0	11.2	11.3	11.4	11.2	10.9	11.7	11.8	11.3
Indiana-----	10.3	10.4	10.9	10.7	11.8	11.8	11.9	11.3	11.5	11.8	11.7	11.4	12.1	12.7	11.9
Illinois-----	10.7	10.8	11.3	11.0	11.8	11.4	11.9	11.0	10.9	11.3	11.1	10.9	11.3	12.0	11.1
Michigan-----	9.2	8.2	9.4	9.4	9.8	9.9	10.5	9.8	9.8	9.9	10.1	10.0	10.8	11.2	10.6
Wisconsin-----	9.9	10.0	10.3	10.3	10.9	10.6	10.8	10.2	9.8	10.0	10.1	9.9	10.4	10.9	10.1
WEST NORTH CENTRAL															
Minnesota-----	9.5	9.6	10.0	9.9	10.6	10.5	10.6	9.7	9.5	9.5	9.5	9.4	9.7	10.4	9.6
Iowa-----	10.2	10.5	10.9	10.8	11.6	11.6	11.3	10.3	10.4	10.4	10.5	10.3	10.7	11.4	10.5
Missouri-----	11.2	11.2	11.7	11.4	12.2	12.0	11.9	10.9	11.3	11.6	11.3	11.4	12.0	13.0	11.6
North Dakota-----	9.0	9.2	9.5	9.4	9.8	9.8	9.4	8.2	8.6	8.3	8.4	8.2	8.6	8.7	8.9
South Dakota-----	9.2	9.8	10.0	10.0	10.0	10.3	9.7	9.3	9.3	8.9	9.0	8.6	9.2	9.4	9.5
Nebraska-----	9.8	10.1	10.4	10.1	10.5	10.5	10.5	10.1	9.8	9.7	9.4	9.2	10.1	10.3	9.7
Kansas-----	10.1	10.3	10.7	10.3	11.0	10.7	10.5	10.4	10.6	10.4	10.1	10.1	10.4	11.7	10.8
SOUTH ATLANTIC															
Delaware-----	10.4	10.7	10.8	10.8	11.4	11.8	12.5	12.1	11.9	12.3	12.0	12.4	12.9	13.1	12.7
Maryland-----	9.5	9.8	9.7	9.5	10.7	10.7	11.5	11.0	11.4	12.0	11.6	11.8	12.6	12.7	12.3
District of Columbia-----	10.1	9.3	9.0	9.0	9.8	9.3	9.9	10.3	10.6	11.8	11.9	11.9	13.3	13.5	13.2
Virginia-----	8.9	8.9	9.1	8.9	9.3	9.1	9.3	9.7	10.8	10.9	10.7	11.1	11.8	12.4	11.7
West Virginia-----	8.9	8.2	8.1	8.9	9.7	9.7	9.8	9.1	9.4	9.3	9.3	9.5	10.3	10.7	9.9
North Carolina-----	7.9	7.9	8.1	7.9	8.2	8.3	8.3	8.2	8.8	8.9	9.0	9.6	9.8	10.4	9.8
South Carolina-----	8.7	9.1	8.8	8.6	8.9	9.4	9.6	9.2	10.6	10.7	10.2	11.1	11.1	11.7	11.2
Georgia-----	8.8	9.0	8.8	8.5	9.0	9.2	9.3	9.0	9.9	10.4	10.2	10.9	11.3	12.4	11.4
Florida-----	9.5	9.5	9.6	9.5	9.4	9.9	9.7	9.8	10.5	11.2	11.0	11.3	11.7	12.2	11.8
EAST SOUTH CENTRAL															
Kentucky-----	9.8	9.9	10.1	10.1	10.7	10.8	10.7	10.3	10.9	10.5	10.6	10.6	11.4	12.0	11.0
Tennessee-----	8.9	8.9	9.0	9.0	9.7	9.7	9.4	9.2	9.6	10.0	9.8	10.2	10.6	11.4	10.6
Alabama-----	8.9	8.9	8.9	8.5	9.1	9.2	9.2	9.1	10.1	10.4	10.1	10.5	11.0	11.2	10.3
Mississippi-----	10.0	9.9	9.7	9.6	9.4	9.6	9.3	9.3	10.2	10.7	10.5	10.7	11.5	11.6	10.3
WEST SOUTH CENTRAL															
Arkansas-----	8.5	8.4	8.3	8.1	8.4	8.2	8.5	8.3	8.6	8.9	8.5	8.9	9.9	9.9	8.6
Louisiana-----	8.9	9.1	9.0	8.6	9.1	9.4	9.4	9.2	9.7	10.8	10.4	10.7	10.9	11.4	10.5
Oklahoma-----	9.1	9.0	9.0	8.7	9.2	9.6	9.1	9.4	10.0	9.0	8.9	8.8	9.3	10.0	9.0
Texas-----	8.3	8.5	8.5	8.4	8.6	8.9	8.9	8.9	9.2	9.8	9.5	9.6	10.5	10.7	10.1
MOUNTAIN															
Montana-----	10.5	11.0	11.2	11.3	11.7	12.3	11.5	10.6	10.4	10.4	10.8	10.5	11.4	11.6	11.7
Idaho-----	8.2	8.9	8.2	8.0	9.0	8.7	8.3	8.4	8.7	9.4	9.3	9.2	9.8	10.5	9.9
Wyoming-----	8.6	8.9	8.1	8.2	9.2	9.1	8.6	8.0	8.5	8.6	8.9	9.4	10.2	10.4	9.9
Colorado-----	9.9	10.5	10.5	10.2	11.1	10.7	10.9	11.0	10.5	10.8	11.1	11.3	12.7	12.6	12.3
New Mexico-----	8.8	9.5	9.5	8.8	10.2	10.3	10.1	9.7	10.6	10.3	11.0	11.3	12.2	12.3	12.9
Arizona-----	8.8	9.3	8.8	8.9	10.1	10.0	8.5	9.1	10.0	10.9	11.6	12.1	13.9	13.8	12.6
Utah-----	7.3	7.6	7.7	7.4	7.9	8.2	8.0	8.2	8.0	8.7	8.6	9.0	9.3	9.6	9.5
Nevada-----	10.1	10.2	10.6	10.4	10.7	10.9	11.2	12.3	11.6	12.5	11.6	12.3	12.9	14.2	13.3
PACIFIC															
Washington-----	9.5	9.5	9.6	9.4	9.6	10.1	11.0	10.8	10.7	11.5	10.9	11.1	11.6	12.0	11.5
Oregon-----	9.3	9.5	9.2	9.5	10.1	10.3	11.1	11.2	10.6	11.1	10.8	10.9	11.6	12.0	11.3
California-----	9.6	9.4	9.5	9.5	9.8	10.1	10.5	10.7	10.9	11.4	11.3	11.3	12.1	11.9	11.6

¹Exclusive of deaths among armed forces overseas. Rates for all areas based on total population present in area.

NOTE.—For discussion of population base, see section on "Population estimates" in text.

VITAL STATISTICS OF THE UNITED STATES

TABLE X.—INFANT MORTALITY RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1939-49

(Exclusive of fetal deaths. Deaths under 1 year per 1,000 live births)

AREA	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
UNITED STATES-----	31.3	32.0	32.2	35.6	36.3	39.8	40.4	40.4	45.3	47.0	48.0
GEOGRAPHIC DIVISIONS											
New England-----	25.7	27.1	28.6	31.7	32.9	34.8	36.7	34.1	36.7	39.2	39.9
Middle Atlantic-----	27.2	27.6	29.2	30.4	34.0	35.7	34.8	34.1	36.5	39.9	41.6
East North Central-----	28.1	29.1	29.9	31.2	34.3	35.4	36.9	35.4	37.7	39.2	40.6
West North Central-----	27.0	28.1	29.7	30.8	32.6	34.1	35.2	34.8	38.9	39.2	40.4
South Atlantic-----	35.8	35.5	35.7	38.0	45.0	46.9	47.9	50.4	60.6	57.1	57.9
East South Central-----	40.2	38.3	38.9	38.5	45.1	45.5	46.5	48.1	57.0	58.7	55.5
West South Central-----	38.9	40.6	37.5	37.7	44.1	46.2	46.9	48.6	53.6	61.2	60.6
Mountain-----	39.1	42.3	40.0	42.3	53.4	52.0	52.8	54.3	56.3	62.0	63.6
Pacific-----	28.6	28.1	28.7	30.9	32.5	34.0	34.0	34.1	35.7	37.8	40.4
NEW ENGLAND											
Maine-----	32.5	32.0	35.7	41.0	46.3	46.7	51.3	48.1	51.2	58.2	52.5
New Hampshire-----	27.9	29.1	30.1	31.4	36.3	37.7	46.1	35.9	38.3	40.9	47.2
Vermont-----	32.4	28.9	31.2	34.0	34.6	40.6	39.0	41.7	43.2	44.5	45.1
Massachusetts-----	24.5	26.8	28.1	31.6	31.6	33.1	34.2	32.0	35.4	37.8	36.9
Rhode Island-----	24.0	26.3	28.2	29.5	29.2	35.3	43.5	39.5	34.8	37.9	39.0
Connecticut-----	23.1	24.3	25.2	27.8	29.9	30.7	29.8	29.2	30.6	34.0	36.6
MIDDLE ATLANTIC											
New York-----	26.1	27.3	28.2	29.1	31.8	32.8	32.7	31.9	33.0	37.2	39.1
New Jersey-----	26.0	26.5	27.9	28.5	32.0	34.0	33.7	31.1	35.8	35.5	36.3
Pennsylvania-----	29.2	28.4	31.1	33.0	37.9	40.0	37.9	38.2	40.9	44.7	45.7
EAST NORTH CENTRAL											
Ohio-----	28.1	30.5	29.5	31.3	36.5	38.5	39.1	37.0	40.8	41.4	42.9
Indiana-----	29.1	29.8	30.6	31.5	36.0	34.5	39.6	36.6	39.9	42.1	39.6
Illinois-----	27.4	27.7	28.9	30.4	31.6	32.4	33.3	33.1	34.2	35.3	38.1
Michigan-----	28.9	30.0	31.5	32.7	35.8	37.9	38.3	37.2	38.7	40.7	41.8
Wisconsin-----	26.5	26.3	29.5	30.0	31.1	32.0	35.0	32.0	35.1	37.3	40.3
WEST NORTH CENTRAL											
Minnesota-----	25.6	26.9	28.6	28.6	31.1	31.3	30.9	29.6	34.5	33.2	35.5
Iowa-----	25.7	26.6	28.5	29.9	30.3	33.1	34.0	33.5	36.3	36.5	38.8
Missouri-----	30.0	30.3	32.5	33.0	37.5	37.6	40.3	39.0	46.3	46.9	45.3
North Dakota-----	30.7	29.4	30.6	34.0	29.3	35.4	34.9	36.5	37.1	45.1	49.4
South Dakota-----	26.0	32.0	30.9	29.6	31.1	34.9	35.7	38.2	41.3	38.7	40.9
Nebraska-----	24.1	26.8	27.8	30.2	28.5	33.0	35.5	33.4	34.6	36.0	37.3
Kansas-----	25.9	26.9	28.1	30.6	33.0	33.3	33.6	35.5	37.6	39.3	39.3
SOUTH ATLANTIC											
Delaware-----	30.4	29.5	31.0	29.7	38.9	48.7	46.7	47.0	43.4	47.7	43.6
Maryland-----	30.5	29.8	31.6	34.0	39.0	41.5	43.0	43.9	52.0	49.1	49.0
District of Columbia-----	29.1	25.5	31.9	41.2	48.3	44.8	47.6	50.9	57.7	43.3	53.3
Virginia-----	38.1	38.5	36.6	38.7	47.4	47.1	47.1	52.5	64.8	58.5	59.7
West Virginia-----	39.6	40.2	38.0	40.9	52.0	52.0	52.1	53.0	60.9	53.7	54.3
North Carolina-----	38.1	35.3	34.8	37.2	43.3	45.4	46.7	49.3	59.7	57.6	59.1
South Carolina-----	39.0	40.4	39.5	41.4	49.9	54.9	55.1	59.7	75.0	69.2	66.5
Georgia-----	33.3	34.2	34.2	35.9	42.2	44.5	46.6	49.3	58.4	57.8	59.3
Florida-----	35.8	35.3	38.2	39.4	43.8	45.5	46.7	47.7	52.9	53.8	56.0
EAST SOUTH CENTRAL											
Kentucky-----	41.2	39.8	37.1	40.0	46.9	46.7	50.0	48.4	58.9	53.1	52.8
Tennessee-----	40.2	37.7	36.3	38.5	47.7	45.5	44.8	46.4	54.3	53.5	52.7
Alabama-----	39.6	37.8	37.5	37.9	44.7	45.5	44.8	50.1	59.4	61.5	59.8
Mississippi-----	39.6	37.9	36.8	37.5	40.6	44.1	46.8	47.3	55.1	54.4	56.6
WEST SOUTH CENTRAL											
Arkansas-----	35.7	28.4	29.5	28.3	31.7	34.7	37.4	39.7	44.7	47.0	46.5
Louisiana-----	37.2	37.9	37.2	37.2	43.0	46.3	44.7	48.2	57.8	64.3	62.8
Oklahoma-----	30.8	34.4	32.3	32.5	40.0	41.2	42.5	43.4	47.7	49.8	50.1
Texas-----	42.7	46.2	41.1	41.7	48.8	50.4	51.4	53.6	56.6	68.3	67.6
MOUNTAIN											
Montana-----	29.7	30.7	32.1	34.8	34.2	36.1	38.7	33.7	37.9	46.5	48.9
Idaho-----	27.0	29.0	29.4	32.9	35.0	34.0	32.0	36.2	35.8	42.9	46.8
Wyoming-----	37.4	39.5	34.0	33.1	40.0	41.2	37.1	45.1	43.2	44.7	44.8
Colorado-----	35.1	38.4	37.5	40.0	50.5	49.4	50.4	49.7	52.0	60.4	54.4
New Mexico-----	65.1	70.1	67.9	78.2	100.8	89.1	91.6	97.9	97.5	100.6	109.1
Arizona-----	51.0	56.4	50.8	41.5	68.7	68.8	76.7	80.1	80.0	85.5	93.4
Utah-----	25.3	27.4	25.1	27.2	31.1	33.9	31.4	33.0	29.7	40.4	39.5
Nevada-----	32.1	39.8	33.2	39.6	46.3	50.2	52.2	57.2	42.3	51.7	44.0
PACIFIC											
Washington-----	27.1	27.5	28.1	33.4	34.5	33.8	34.8	33.1	34.7	35.2	36.8
Oregon-----	24.6	25.5	24.7	27.7	29.7	30.5	30.0	30.5	30.7	33.2	34.8
California-----	28.8	28.6	29.4	30.7	32.5	34.5	34.4	34.8	36.6	39.2	42.2

SUMMARY AND RATE TABLES

TABLE XI.—FETAL DEATH RATIOS BY PLACE OF RESIDENCE, 1942-49; AND BY PLACE OF OCCURRENCE, 1944-49: UNITED STATES, EACH DIVISION AND STATE

(Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV).
Ratios per 1,000 live births)

AREA	PLACE OF RESIDENCE								PLACE OF OCCURRENCE ¹					
	1949	1948	1947	1946	1945	1944	1943	1942	1949	1948	1947	1946	1945	1944
UNITED STATES-----	18.8	20.6	21.1	22.8	23.9	---	24.5	25.6	19.8	20.6	21.1	22.8	23.9	24.5
GEOGRAPHIC DIVISIONS														
New England-----	16.6	17.8	17.9	20.2	20.8	---	21.5	23.2	16.5	17.8	17.9	20.3	20.7	21.4
Middle Atlantic-----	21.1	22.5	22.1	25.6	25.2	---	24.5	25.8	21.2	22.5	22.1	25.6	25.3	25.4
East North Central-----	17.8	18.5	19.3	21.4	22.1	---	22.6	22.5	17.8	18.5	19.3	21.4	22.2	22.9
West North Central-----	17.0	17.3	17.6	19.5	20.5	---	20.2	22.4	17.0	17.4	17.7	19.6	20.6	20.8
South Atlantic-----	24.6	25.2	25.9	27.6	29.1	---	31.6	34.3	24.6	25.1	25.8	27.5	29.0	30.4
East South Central-----	24.2	24.2	24.9	25.5	27.4	---	28.0	30.5	24.2	24.2	25.0	25.5	27.1	27.4
West South Central-----	20.7	22.1	22.6	24.1	25.3	---	26.6	26.0	20.7	22.0	22.6	24.1	25.3	25.7
Mountain-----	16.3	16.7	18.2	19.5	20.6	---	20.4	21.0	16.3	16.7	18.3	19.7	20.2	20.1
Pacific-----	15.1	15.6	16.2	18.1	18.0	---	17.1	18.0	15.1	15.6	16.2	18.1	18.1	18.0
NEW ENGLAND														
Maine-----	17.1	16.6	16.7	17.0	18.2	---	17.1	24.7	16.9	16.8	16.6	17.1	17.9	15.7
New Hampshire-----	18.3	18.7	20.7	22.0	21.9	---	17.8	25.9	18.5	18.9	20.3	21.7	21.9	24.7
Vermont-----	16.8	18.7	18.0	22.6	22.0	---	25.6	24.1	17.1	18.4	18.7	23.2	20.8	24.1
Massachusetts-----	17.2	19.4	19.2	22.5	22.8	---	25.4	24.6	17.2	19.4	19.3	22.5	22.9	23.2
Rhode Island-----	17.6	17.3	16.5	19.5	20.5	---	23.5	22.6	16.9	16.5	16.5	19.4	20.0	22.9
Connecticut-----	15.8	14.4	14.9	16.1	17.3	---	18.0	16.9	15.6	14.4	14.7	18.0	17.1	18.2
MIDDLE ATLANTIC														
New York-----	22.8	25.2	25.8	25.8	27.0	---	26.7	28.0	22.8	25.2	23.8	25.8	27.2	27.2
New Jersey-----	19.8	19.5	21.3	22.2	23.8	---	23.7	24.0	19.7	19.8	21.3	22.1	24.1	22.9
Pennsylvania-----	19.5	20.2	20.2	21.2	23.5	---	22.2	23.8	19.6	20.1	20.2	21.2	23.4	24.0
EAST NORTH CENTRAL														
Ohio-----	19.3	20.0	20.2	23.8	24.2	---	23.4	24.3	19.3	20.0	20.3	23.9	24.4	24.7
Indiana-----	16.2	16.4	17.3	18.5	19.6	---	20.1	20.2	16.3	16.4	17.5	18.7	19.6	20.5
Illinois-----	17.3	17.8	18.7	21.0	21.3	---	22.1	21.7	17.2	17.7	18.6	20.9	21.4	21.9
Michigan-----	18.8	20.0	21.0	22.6	24.0	---	25.3	24.5	18.8	20.0	21.0	22.5	24.0	24.9
Wisconsin-----	15.5	16.7	17.2	17.7	18.9	---	20.2	19.2	15.5	16.8	17.2	17.7	18.9	20.2
WEST NORTH CENTRAL														
Minnesota-----	16.2	17.7	17.2	19.8	20.8	---	20.2	21.6	16.3	17.7	17.2	19.9	21.0	19.2
Iowa-----	15.6	14.8	15.6	18.2	19.6	---	19.9	20.2	15.7	15.0	15.6	18.1	19.4	19.8
Missouri-----	20.0	20.9	21.0	22.6	23.6	---	22.8	27.1	19.9	20.9	21.2	22.7	23.6	24.5
North Dakota-----	18.0	14.3	17.3	17.3	19.1	---	17.7	17.4	15.9	14.1	16.8	17.8	18.9	20.8
South Dakota-----	14.6	13.3	15.3	16.4	15.5	---	16.2	19.6	14.5	13.3	15.5	16.1	16.4	18.0
Nebraska-----	15.8	16.8	16.7	18.3	18.4	---	19.5	21.5	15.9	16.9	17.0	18.3	18.3	20.2
Kansas-----	16.5	16.0	15.9	17.3	19.1	---	18.0	20.7	16.6	16.1	15.9	17.5	18.1	19.0
SOUTH ATLANTIC														
Delaware-----	22.9	21.8	19.3	20.7	24.7	---	29.1	24.4	22.1	22.1	19.5	20.8	24.7	23.0
Maryland-----	22.4	22.5	24.1	25.3	26.9	---	27.8	29.5	22.3	22.4	23.8	26.0	27.4	28.6
District of Columbia-----	22.2	21.0	21.7	26.0	23.2	---	28.4	26.4	20.6	20.5	21.2	23.3	22.5	25.6
Virginia-----	24.2	26.2	26.1	28.8	30.1	---	30.7	32.7	24.6	26.4	26.4	28.6	30.6	30.7
West Virginia-----	23.9	25.7	24.7	31.7	31.5	---	34.8	34.3	24.2	25.4	24.4	31.6	32.0	33.2
North Carolina-----	25.6	24.3	24.5	23.8	25.5	---	27.0	31.3	25.5	24.3	24.4	23.4	25.2	26.2
South Carolina-----	27.7	28.2	32.1	32.2	33.7	---	37.0	40.6	27.7	28.1	31.9	32.3	33.9	34.9
Georgia-----	23.6	26.1	25.9	26.7	29.4	---	33.9	38.6	23.7	26.3	25.6	26.7	29.5	32.9
Florida-----	25.6	24.8	27.6	29.8	31.4	---	34.6	37.8	25.6	24.3	27.6	29.7	30.4	31.6
EAST SOUTH CENTRAL														
Kentucky-----	19.5	19.0	21.2	20.9	23.6	---	24.6	26.7	19.2	18.9	21.0	20.5	23.5	23.7
Tennessee-----	20.8	21.3	21.7	22.6	23.8	---	22.4	22.3	21.2	21.6	22.1	22.8	23.8	22.8
Alabama-----	27.3	26.8	27.9	28.6	29.0	---	30.1	35.2	27.3	26.9	27.8	28.7	28.0	30.0
Mississippi-----	29.9	30.5	29.8	30.5	34.0	---	35.7	41.0	29.8	30.4	29.8	30.6	34.1	34.0
WEST SOUTH CENTRAL														
Arkansas-----	17.3	19.1	17.8	19.5	20.6	---	23.2	27.5	17.4	19.3	17.5	19.2	20.6	20.4
Louisiana-----	24.0	25.5	26.8	27.2	29.1	---	30.0	31.5	24.1	25.6	26.9	27.2	29.1	28.9
Oklahoma-----	17.4	18.8	20.1	21.6	23.9	---	21.0	19.9	17.1	18.3	19.9	21.6	23.5	21.3
Texas-----	21.1	22.3	23.0	24.9	25.5	---	27.9	25.2	21.1	22.4	23.0	24.8	25.6	27.1
MOUNTAIN														
Montana-----	15.0	15.7	15.8	17.4	17.4	---	18.6	17.6	15.3	15.6	15.9	17.2	16.3	16.6
Idaho-----	16.4	13.9	16.4	18.2	17.4	---	17.9	20.3	16.2	14.5	16.3	19.2	18.2	20.9
Wyoming-----	16.6	16.7	19.7	17.8	17.7	---	19.8	18.9	16.7	17.2	18.0	17.7	16.8	17.5
Colorado-----	16.6	16.8	19.3	22.0	21.9	---	21.7	23.5	16.6	16.7	19.3	22.1	21.7	21.8
New Mexico-----	17.7	20.7	22.0	21.0	24.3	---	23.4	23.6	17.9	20.2	22.2	21.0	23.7	21.1
Arizona-----	17.5	17.6	19.7	20.2	23.4	---	25.0	22.5	17.4	17.6	19.5	20.4	22.1	23.6
Utah-----	14.0	14.4	13.9	16.1	17.1	---	15.8	17.6	14.1	14.4	14.3	16.2	17.2	15.7
Nevada-----	16.9	19.5	20.5	21.0	26.7	---	19.2	21.2	16.6	20.3	21.5	20.6	24.1	20.0
PACIFIC														
Washington-----	15.2	14.1	15.7	17.4	15.5	---	13.0	15.5	15.1	13.8	15.5	17.0	15.4	14.0
Oregon-----	13.9	15.0	15.5	17.3	17.1	---	16.3	16.6	14.0	14.8	15.5	17.3	17.2	18.6
California-----	15.3	16.0	16.5	18.4	18.7	---	18.3	18.8	15.3	16.1	16.4	18.4	18.9	19.0

¹These ratios differ from those shown in table IV which are computed for all reported fetal deaths regardless of period of gestation.

VITAL STATISTICS OF THE UNITED STATES

TABLE XII.—MATERNAL MORTALITY RATES BY PLACE OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1939-49

(Deaths from deliveries and complications of pregnancy, childbirth, and the puerperium per 10,000 live births)

AREA	1948 ¹	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939
UNITED STATES-----	9.0	11.7	13.5	15.7	20.7	22.8	24.5	25.9	31.7	37.6	40.4
GEOGRAPHIC DIVISIONS											
New England-----	6.5	8.1	9.3	12.8	17.1	18.4	20.1	19.7	26.2	30.1	33.9
Middle Atlantic-----	6.7	8.9	11.0	13.3	18.9	20.6	22.1	23.6	26.9	30.7	34.4
East North Central-----	6.1	8.7	11.0	13.0	18.2	18.2	20.3	20.9	25.5	29.7	33.4
West North Central-----	6.4	8.5	10.3	12.3	17.4	18.2	19.7	21.4	25.7	31.4	33.6
South Atlantic-----	12.9	16.9	18.8	20.8	25.9	29.2	32.6	34.8	42.7	50.0	50.2
East South Central-----	16.7	20.1	21.6	23.6	30.1	32.1	31.6	33.1	45.9	51.2	53.3
West South Central-----	12.8	15.7	16.7	17.7	24.0	27.1	28.6	32.3	37.3	47.2	51.6
Mountain-----	9.3	11.7	13.1	17.8	22.8	23.9	25.4	26.5	28.9	39.8	40.7
Pacific-----	6.2	7.5	9.7	11.9	16.0	16.8	19.1	19.1	21.7	27.6	30.6
NEW ENGLAND											
Maine-----	8.7	8.2	15.5	15.7	24.6	22.5	22.2	21.4	30.8	40.7	38.5
New Hampshire-----	6.7	12.1	10.6	12.6	18.0	20.1	26.7	12.0	28.0	31.2	34.7
Vermont-----	6.5	9.6	12.4	14.4	17.5	19.1	21.9	20.9	23.0	37.5	34.9
Massachusetts-----	6.0	7.5	8.6	13.4	18.3	17.9	20.1	21.0	28.6	28.2	35.6
Rhode Island-----	7.3	13.0	9.2	14.3	13.9	18.2	22.5	18.3	20.7	24.9	34.6
Connecticut-----	6.4	5.9	6.8	9.2	11.6	15.2	16.2	18.0	20.3	28.2	25.7
MIDDLE ATLANTIC											
New York-----	6.6	8.5	10.1	12.0	17.6	18.5	21.0	22.3	23.3	29.4	32.0
New Jersey-----	6.7	7.6	10.1	13.0	18.0	15.7	19.4	19.8	26.6	30.4	32.1
Pennsylvania-----	6.7	10.1	12.6	15.2	22.1	25.5	24.7	26.9	31.4	32.5	38.0
EAST NORTH CENTRAL											
Ohio-----	5.4	8.5	12.0	12.6	17.7	19.2	22.5	20.8	25.5	31.5	38.6
Indiana-----	6.1	9.9	10.9	13.1	16.5	19.8	20.0	24.2	25.5	28.9	36.8
Illinois-----	7.0	8.2	10.4	13.6	16.9	17.9	20.5	20.9	25.0	29.6	31.6
Michigan-----	6.2	7.6	10.7	12.0	14.6	16.8	18.0	20.7	27.1	29.0	30.8
Wisconsin-----	5.9	10.7	10.6	14.4	13.8	17.7	19.7	17.8	23.8	28.6	28.0
WEST NORTH CENTRAL											
Minnesota-----	5.4	6.6	6.1	9.2	13.7	13.7	14.4	16.3	20.4	21.7	28.7
Iowa-----	5.0	7.8	9.2	10.5	17.6	17.8	16.8	19.4	26.5	33.7	30.0
Missouri-----	6.9	10.7	14.3	16.2	22.8	22.4	25.3	25.7	30.5	37.6	40.5
North Dakota-----	5.3	9.6	11.1	10.5	10.6	17.7	21.7	21.7	21.7	18.3	24.0
South Dakota-----	5.2	10.4	10.3	10.3	12.8	18.0	15.6	20.1	26.3	33.2	29.9
Nebraska-----	7.6	7.1	10.9	10.3	14.9	17.5	16.8	19.0	23.3	32.2	34.3
Kansas-----	5.3	8.2	10.3	15.1	18.7	18.3	21.4	25.9	27.6	37.4	38.9
SOUTH ATLANTIC											
Delaware-----	5.4	11.0	7.8	13.2	31.8	15.0	24.1	15.9	21.6	54.9	41.7
Maryland-----	6.5	9.2	10.4	11.1	15.0	18.7	17.9	19.9	26.2	27.8	37.8
District of Columbia-----	5.8	9.1	10.6	16.7	14.9	20.9	21.8	27.0	27.9	28.5	32.1
Virginia-----	10.2	13.8	15.8	16.3	21.2	26.5	29.1	32.4	38.6	44.9	50.1
West Virginia-----	9.9	11.8	15.0	15.0	15.9	21.5	29.1	25.5	28.2	35.2	33.5
North Carolina-----	11.8	18.9	17.0	20.2	28.4	29.4	32.4	34.2	39.7	51.2	46.9
South Carolina-----	17.4	23.7	25.1	27.4	34.2	37.5	44.3	53.2	63.3	68.8	60.5
Georgia-----	18.2	21.4	25.4	26.3	32.3	36.5	39.2	41.4	47.9	56.7	56.6
Florida-----	17.3	19.3	22.2	29.6	29.5	33.3	37.0	40.8	61.5	64.8	84.6
EAST SOUTH CENTRAL											
Kentucky-----	12.2	15.0	17.5	19.9	25.5	24.8	24.9	26.9	37.8	36.9	43.0
Tennessee-----	13.3	17.5	17.3	19.4	23.6	28.0	29.1	30.2	36.6	45.8	51.7
Alabama-----	13.4	22.7	26.2	34.1	37.4	35.5	35.0	35.0	53.6	61.3	58.9
Mississippi-----	22.4	25.9	26.0	31.4	38.0	38.5	39.4	43.9	56.3	62.2	60.4
WEST SOUTH CENTRAL											
Arkansas-----	17.5	20.8	18.4	21.0	28.3	27.6	39.4	37.0	40.4	49.9	57.0
Louisiana-----	12.3	16.5	18.9	20.2	28.1	33.9	32.1	34.6	43.2	58.5	63.0
Oklahoma-----	12.7	11.3	16.6	16.5	22.5	23.8	25.1	30.9	31.4	41.0	41.1
Texas-----	11.9	15.2	15.4	16.2	22.7	25.4	25.5	30.4	35.9	46.1	49.6
MOUNTAIN											
Montana-----	9.1	9.3	10.6	14.0	18.0	14.6	17.5	22.2	18.2	32.9	30.9
Idaho-----	7.5	8.1	9.8	16.0	20.0	24.5	23.4	26.2	24.0	34.8	21.6
Wyoming-----	4.0	10.5	8.2	16.2	8.1	8.9	15.5	25.4	18.8	40.5	37.8
Colorado-----	9.1	9.7	12.6	19.3	23.8	24.7	25.9	18.7	33.7	40.9	53.8
New Mexico-----	13.9	23.9	20.7	20.5	37.2	39.8	48.7	48.1	44.8	48.7	51.3
Arizona-----	14.3	13.0	18.5	21.4	30.0	28.5	28.6	38.7	28.0	48.6	45.2
Utah-----	2.4	5.8	7.8	13.7	13.4	13.6	13.7	17.1	19.9	27.7	29.8
Nevada-----	16.3	16.2	12.4	18.3	17.5	23.1	19.8	7.2	40.9	47.4	40.0
PACIFIC											
Washington-----	5.5	5.2	10.8	11.9	17.1	15.7	18.2	17.4	18.3	28.1	35.7
Oregon-----	5.4	4.3	8.8	10.3	13.5	17.8	14.9	18.9	22.8	25.5	23.6
California-----	6.4	6.6	9.6	12.2	16.2	17.0	20.5	19.8	22.4	27.5	30.4

¹Deaths for 1949 are classified according to the Sixth Revision of the International Lists, while deaths for 1939 through 1948 are classified according to the Fifth Revision. For deaths in the United States population as a whole, it is estimated that 9 percent fewer deaths are assigned to maternal causes under the Sixth Revision than under the Fifth. See text, page XVI and tables G and H.

SUMMARY AND RATE TABLES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX: UNITED STATES, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas. Rates per 100,000 estimated midyear population excluding armed forces overseas. Includes each three-digit category of the Detailed List to which there was a death assigned in 1949, and selected four-digit categories)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER					RATE				
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
ALL CAUSES-----		1,443,607	726,189	542,679	95,122	79,637	971.7	1,099.0	610.9	1,239.4	990.1
I.--Infective and parasitic diseases											
Tuberculosis of respiratory system (001-008)											
001	Respiratory tuberculosis with mention of occupational disease of lung-----	684	647	4	33	-	0.5	1.0	0.0	0.4	0
002	Pulmonary tuberculosis-----	34,102	18,618	7,619	5,799	4,066	23.0	25.2	11.4	75.6	50.6
005	Pleural tuberculosis-----	427	190	120	71	46	0.3	0.3	0.2	0.9	0.6
.0	Pleurisy specified as tuberculous-----	233	108	47	47	31	0.2	0.2	0.1	0.6	0.4
.1	Pleurisy with effusion without mention of cause-----	194	82	73	24	15	0.1	0.1	0.1	0.3	0.2
004	Primary tuberculosis complex with symptoms-----	4	1	2	-	1	0.0	0.0	0.0	0	0.0
005	Tracheobronchial glandular tuberculosis with symptoms-----	8	2	3	1	2	0.0	0.0	0.0	0.0	0.0
007	Other respiratory tuberculosis-----	36	21	10	4	1	0.0	0.0	0.0	0.1	0.0
008	Tuberculosis, unspecified site-----	727	294	219	109	105	0.5	0.4	0.3	1.4	1.3
Tuberculosis, other forms (010-019)											
010	Tuberculosis of meninges and central nervous system-----	1,098	362	542	202	192	0.7	0.5	0.5	2.6	2.4
011	Tuberculosis of intestines, peritoneum, and mesenteric glands-----	267	74	79	58	56	0.2	0.1	0.1	0.8	0.7
012	Tuberculosis of bones and joints, active or unspecified-----	314	123	86	68	57	0.2	0.2	0.1	0.9	0.5
.0	Active or unspecified tuberculosis of vertebral column-----	229	82	62	56	29	0.2	0.1	0.1	0.7	0.4
.1	Active or unspecified tuberculosis of hip-----	41	21	9	6	5	0.0	0.0	0.0	0.1	0.1
.2	Active or unspecified tuberculosis of knee-----	5	1	4	-	-	0.0	0.0	0.0	0	0
.3	Active or unspecified tuberculosis of other and unspecified bones and joints-----	39	19	11	6	3	0.0	0.0	0.0	0.1	0.0
013	Late effects of tuberculosis of bones and joints-----	4	1	2	1	-	0.0	0.0	0.0	0.0	0
.0	Late effects of tuberculosis of vertebral column-----	1	1	2	1	-	0.0	0.0	0.0	0.0	0
014	Tuberculosis of skin and subcutaneous cellular tissue-----	4	2	2	2	5	0.0	0.0	0.0	0.0	0.1
015	Tuberculosis of lymphatic system-----	53	16	16	12	9	0.0	0.0	0.0	0.2	0.1
016	Tuberculosis of genito-urinary system-----	288	170	85	17	16	0.2	0.3	0.1	0.2	0.2
017	Tuberculosis of adrenal glands-----	53	19	30	2	2	0.0	0.0	0.0	0.0	0.0
018	Tuberculosis of other organs-----	48	22	12	12	2	0.0	0.0	0.0	0.2	0.0
019	Disseminated tuberculosis-----	976	322	203	263	188	0.7	0.5	0.3	3.4	2.3
.0	Acute miliary tuberculosis, specified as nonpulmonary-----	1	1	-	-	-	0.0	0.0	0	0	0
.1	Acute miliary tuberculosis, unspecified-----	91	31	17	21	-22	0.1	0.0	0.0	0.3	0.3
.2	Other forms of disseminated tuberculosis-----	884	290	186	242	166	0.6	0.4	0.3	3.2	2.1
Syphilis and its sequelae (020-029)											
020	Congenital syphilis-----	352	72	52	126	102	0.2	0.1	0.1	1.6	1.3
021	Early syphilis-----	7	3	1	1	2	0.0	0.0	0.0	0.0	0.0
022	Aneurysm of aorta-----	2,357	1,424	451	339	144	1.6	2.2	0.7	4.4	1.8
023	Other cardiovascular syphilis-----	2,576	1,204	350	738	288	1.7	1.8	0.5	3.6	3.6
024	Trees dorsalis-----	204	138	35	28	9	0.1	0.2	0.1	0.3	0.1
025	General paralysis of insane-----	1,774	617	251	507	199	1.2	1.2	0.4	6.8	2.5
026	Other syphilis of central nervous system-----	941	421	135	255	130	0.6	0.6	0.2	3.3	1.6
027	Other forms of late syphilis-----	170	79	34	35	22	0.1	0.1	0.1	0.5	0.3
028	Latent syphilis-----	25	8	3	8	6	0.0	0.0	0.0	0.1	0.1
029	Syphilis, unqualified-----	171	55	30	48	38	0.1	0.1	0.0	0.6	0.5
Gonococcal infection and other venereal diseases (030-039)											
030	Acute or unspecified gonorrhea-----	17	2	2	6	7	0.0	0.0	0.0	0.1	0.1
031	Chronic gonococcal infection of genito-urinary system-----	23	2	5	-	16	0.0	0.0	0.0	0	0.2
035	Gonococcal infection of eye-----	2	-	1	-	1	0.0	0	0.0	0	0.0
034	Gonococcal infection of other sites-----	3	-	1	-	2	0.0	0	0.0	0	0.0
035	Late effects of gonococcal infection-----	21	6	-	15	-	0.0	0.0	0	0.2	0
037	Lymphogranuloma venereum-----	31	2	4	2	23	0.0	0.0	0.0	0.0	0.3
038	Granuloma inguinale, venereal-----	11	2	2	3	4	0.0	0.0	0.0	0.0	0.0
039	Other and unspecified venereal diseases-----	8	1	-	4	3	0.0	0.0	0	0.1	0.0
Infectious diseases commonly arising in intestinal tract (040-049)											
040	Typhoid fever-----	161	66	49	28	20	0.1	0.1	0.1	0.3	0.2
041	Paratyphoid fever-----	15	7	6	1	1	0.0	0.0	0.0	0.0	0.0
042	Other Salmonella infections-----	22	6	4	4	4	0.0	0.0	0.0	0.1	0.0
044	Bruceellosis (undulant fever)-----	68	41	20	4	3	0.0	0.1	0.0	0.1	0.0
045	Bacillary dysentery-----	498	205	183	69	41	0.3	0.3	0.3	0.9	0.5
046	Ambiasis-----	164	75	57	22	10	0.1	0.1	0.1	0.3	0.1
048	Unspecified forms of dysentery-----	778	331	291	77	79	0.5	0.5	0.4	1.0	1.0
049	Food poisoning (infection and intoxication)-----	241	94	69	47	31	0.2	0.1	0.1	0.6	0.4
.0	Staphylococcal-----	5	4	1	-	-	0.0	0.0	0.0	0	0
.1	Botulism-----	22	9	8	3	2	0.0	0.0	0.0	0.0	0.0
.2	Unspecified-----	214	81	60	44	29	0.1	0.1	0.1	0.6	0.4
Other bacterial diseases (050-064)											
050	Scarlet fever-----	39	18	18	3	2	0.0	0.0	0.0	0.0	0.0
051	Streptococcal sore throat-----	447	189	185	31	42	0.3	0.3	0.3	0.4	0.5
052	Erysipelas-----	65	29	33	1	2	0.0	0.0	0.0	0.0	0.0
053	Septicemia and pyemia-----	597	282	206	49	50	0.4	0.4	0.3	0.6	0.6
.0	Streptococcus-----	92	37	40	10	5	0.1	0.1	0.1	0.1	0.1
.1	Staphylococcus-----	54	31	19	2	2	0.0	0.0	0.0	0.0	0.0
.2	Pneumococcus-----	16	6	7	1	2	0.0	0.0	0.0	0.0	0.0
.3	Other specified organism-----	27	11	11	1	4	0.0	0.0	0.0	0.0	0.0
.4	Organism unspecified-----	398	197	129	35	37	0.3				

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
I.—Infective and parasitic diseases—Continued											
Spirochetel diseases, except syphilis (070-074)											
070	Vincent's infection-----	36	12	18	1	5	0.0	0.0	0.0	0.0	0.1
072	Leptospirosis icterohaemorrhagica (Weil's disease)-----	21	14	3	2	2	0.0	0.0	0.0	0.0	0.0
074	Other spirochetel and leptospirochetel infections-----	2	1	1	-	-	0.0	0.0	0.0	0	0
Diseases attributable to viruses (080-096)											
080	Acute poliomyelitis-----	2,720	1,627	1,004	46	43	1.4	2.5	1.5	0.6	0.5
.0	Specified as bulbar or polioencephalitis-----	1,947	1,124	692	21	20	1.2	1.7	1.0	0.3	0.2
.1	With other paralysis-----	92	53	33	3	3	0.1	0.1	0.0	0.0	0.0
.2	Specified as nonparalytic-----	1	1	-	-	-	0.0	0.0	0	0	0
.3	Unspecified-----	780	449	289	22	20	0.5	0.7	0.4	0.3	0.2
081	Late effects of acute poliomyelitis-----	72	37	32	2	1	0.0	0.1	0.0	0.0	0.0
082	Acute infectious encephalitis-----	465	211	186	39	29	0.3	0.3	0.3	0.5	0.4
083	Late effects of acute infectious encephalitis-----	220	122	86	7	5	0.1	0.2	0.1	0.1	0.1
084	Smallpox-----	2	1	1	-	-	0.0	0.0	0.0	0	0
085	Measles-----	949	567	396	98	88	0.6	0.6	0.6	1.3	1.1
.0	Without mention of pneumonia-----	407	168	174	34	31	0.3	0.3	0.3	0.4	0.4
.1	With pneumonia-----	542	199	222	64	57	0.4	0.3	0.3	0.8	0.7
086	Rubella (German measles)-----	11	7	3	1	-	0.0	0.0	0.0	0.0	0
087	Chickenpox-----	103	46	43	8	6	0.1	0.1	0.1	0.1	0.1
088	Herpes zoster-----	59	25	34	-	-	0.0	0.0	0.1	0	0
089	Mumps-----	45	16	24	5	-	0.0	0.0	0.0	0.1	0
090	Dengue-----	2	1	-	1	-	0.0	0.0	0	0.0	0
092	Infectious hepatitis-----	560	280	251	17	32	0.4	0.4	0.4	0.2	0.4
093	Glandular fever (infectious mononucleosis)-----	9	6	3	-	-	0.0	0.0	0.0	0	0
094	Rabies-----	10	6	3	1	-	0.0	0.0	0.0	0.0	0
096	Other diseases attributable to viruses-----	165	81	74	5	5	0.1	0.1	0.1	0.1	0.1
Typhus and other rickettsial diseases (100-108)											
101	Flea-borne endemic typhus (murine)-----	2	1	1	-	-	0.0	0.0	0.0	0	0
102	Brill's disease, not specified as louse- or flea-borne typhus-----	11	4	1	3	3	0.0	0.0	0.0	0.0	0.0
104	Tick-borne typhus-----	36	24	9	3	-	0.0	0.0	0.0	0.0	0
107	Typhus, unspecified-----	23	9	6	5	3	0.0	0.0	0.0	0.1	0.0
108	Other rickettsial diseases-----	1	1	-	-	-	0.0	0.0	0	0	0
Malaria (110-117)											
110	Vivax malaria (benign tertian)-----	9	2	4	3	-	0.0	0.0	0.0	0.0	0
111	Malariae malaria (quartan)-----	2	-	-	2	-	0.0	0	0	0.0	0
112	Falciparum malaria (malignant tertian)-----	19	8	2	7	2	0.0	0.0	0.0	0.1	0.0
116	Other and unspecified forms of malaria-----	88	31	16	19	22	0.1	0.0	0.0	0.2	0.3
Other infective and parasitic diseases (120-138)											
122	Other protozoal diseases-----	16	8	5	2	1	0.0	0.0	0.0	0.0	0.0
123	Schistosomiasis-----	3	2	1	-	-	0.0	0.0	0.0	0	0
125	Echinococcosis-----	8	4	4	-	-	0.0	0.0	0.0	0	0
126	Other cestode infestation-----	2	-	2	-	-	0.0	0	0.0	0	0
127	Filariasis-----	1	-	-	-	1	0.0	0	0	0.0	0.0
128	Trichiniasis-----	9	7	1	1	1	0.0	0.0	0.0	0	0.0
129	Ankylostomiasis-----	11	5	2	2	2	0.0	0.0	0.0	0.0	0.0
130	Infestation with worms of other, mixed, and unspecified type-----	70	17	17	15	21	0.0	0.0	0.0	0.2	0.3
131	Dermatophytosis-----	4	3	1	-	-	0.0	0.0	0.0	0	0
132	Actinomycosis-----	32	21	10	-	1	0.0	0.0	0.0	0	0.0
133	Coccidioidomycosis-----	63	25	5	40	13	0.1	0.0	0.0	0.5	0.2
134	Other fungus infections-----	241	134	68	23	16	0.2	0.2	0.1	0.3	0.2
.0	Elastomycosis-----	27	12	4	9	2	0.0	0.0	0.0	0.1	0.0
.1	Cryptococcosis (torulosis)-----	35	25	6	4	-	0.0	0.0	0.0	0.1	0
.2	Rhizoglyphosis-----	33	18	12	2	1	0.0	0.0	0.0	0.0	0.0
.3	Moniliasis-----	94	45	31	7	11	0.1	0.1	0.0	0.1	0.1
.5	Other-----	52	34	15	1	2	0.0	0.1	0.0	0.0	0.0
135	Scabies-----	1	-	-	1	-	0.0	0	0	0.0	0
136	Pediculosis-----	1	1	-	-	-	0.0	0.0	0	0	0
138	Other infective and parasitic diseases-----	92	28	33	11	20	0.1	0.0	0.0	0.1	0.2
II.—Neoplasms											
Malignant neoplasm of buccal cavity and pharynx (140-148)											
140	Malignant neoplasm of lip-----	497	449	41	5	2	0.3	0.7	0.1	0.1	0.0
141	Malignant neoplasm of tongue-----	1,236	934	216	62	24	0.8	1.4	0.3	0.8	0.3
142	Malignant neoplasm of salivary gland-----	438	259	154	16	9	0.3	0.4	0.2	0.2	0.1
.0	Mixed salivary gland tumor-----	43	22	18	1	2	0.0	0.0	0.0	0.0	0.0
.1	Other-----	395	237	136	15	7	0.3	0.4	0.2	0.2	0.1
143	Malignant neoplasm of floor of mouth-----	163	134	18	9	-	0.1	0.2	0.0	0.1	0
144	Malignant neoplasm of other parts of mouth and mouth unspecified-----	772	546	164	41	21	0.5	0.8	0.2	0.5	0.3
145	Malignant neoplasm of oral mesopharynx-----	343	268	53	18	4	0.2	0.4	0.1	0.2	0.0
146	Malignant neoplasm of nasopharynx-----	317	216	72	19	10	0.2	0.3	0.1	0.2	0.1
147	Malignant neoplasm of hypopharynx-----	127	99	18	10	-	0.1	0.1	0.0	0.1	0
148	Malignant neoplasm of pharynx, unspecified-----	1,181	885	204	60	32	0.8	1.3	0.3	0.8	0.4
Malignant neoplasm of digestive organs and peritoneum (150-159)											
150	Malignant neoplasm of esophagus-----	3,933	2,673	764	402	84	2.6	4.0	1.1	5.2	1.2
151	Malignant neoplasm of stomach-----	24,791	14,103	8,308	1,529	851	16.7	21.3	12.4	19.9	10.6
152	Malignant neoplasm of small intestine, including duodenum-----	798	390	368	28	15	0.5	0.6	0.5	0.4	0.2
153	Malignant neoplasm of large intestine, except rectum-----	22,151	9,540	11,470	511	630	14.9	14.4	17.1	6.7	7.8
154	Malignant neoplasm of rectum-----	10,308	5,472	4,233	341	263	6.9	8.3	6.3	4.4	5.3
155	Malignant neoplasm of biliary passages and of liver (stated to be primary site)-----	4,432	1,537	2,636	143	116	3.0	2.3	3.9	1.9	1.4
156	Malignant neoplasm of liver (secondary and unspecified)-----	6,006	2,667	2,826	285	208	4.0	4.1	4.2	3.7	2.6
A	Not stated whether primary or secondary-----	5,570	2,486	2,627	263	194	3.7	3.8	3.9	3.4	2.4
B	Secondary-----	436	201	189	22	14	0.3	0.3	0.3	0.3	0.2
157	Malignant neoplasm of pancreas-----	8,692	4,704	3,413	356	219	5.9	7.1	5.1	4.6	2.7
158	Malignant neoplasm of peritoneum-----	883	401	418	34	30	0.6	0.6	0.6	0.4	0.4
159	Malignant neoplasm of unspecified digestive organs-----	722	310	299	57	56	0.5	0.5	0.4	0.7	0.7

SUMMARY AND RATE TABLES

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**TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued**

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LIST, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
III.—Neoplasms—Continued											
Malignant neoplasms of respiratory system (160-165)											
160	Malignant neoplasm of nose, nasal cavities, middle ear, and accessory sinuses	596	320	232	30	14	0.4	0.5	0.3	0.4	0.2
161	Malignant neoplasm of larynx	1,894	1,590	167	104	23	1.3	2.4	0.2	1.4	0.3
162	Malignant neoplasm of trachea, and of bronchus and lung specified as primary	6,825	5,399	975	383	68	4.6	8.2	1.5	5.0	0.8
163	Malignant neoplasm of lung and bronchus, unspecified as to whether primary or secondary	9,835	7,276	1,980	449	150	6.6	11.0	3.0	5.9	1.6
164	Malignant neoplasm of mediastinum	378	289	100	12	7	0.3	0.4	0.1	0.2	0.1
165	Malignant neoplasm of thoracic organs (secondary)	237	126	68	18	8	0.2	0.2	0.1	0.2	0.1
Malignant neoplasm of breast and genito-urinary organs (170-181)											
170	Malignant neoplasm of breast	18,553	217	17,137	16	1,163	12.5	0.3	25.6	0.2	14.7
171	Malignant neoplasm of cervix uteri	8,219	...	6,730	...	1,489	5.5	...	10.1	...	18.5
172	Malignant neoplasm of corpus uteri	996	...	924	...	72	0.7	...	1.4	...	0.9
173	Malignant neoplasm of other parts of uterus, including chorionepithelioma	74	...	61	...	13	0.0	...	0.1	...	0.2
174	Malignant neoplasm of uterus, unspecified	6,973	...	5,798	...	1,175	4.7	...	8.7	...	14.6
175	Malignant neoplasm of ovary, fallopian tube, and broad ligament	5,528	...	5,208	...	320	3.7	...	7.8	...	4.0
176	Malignant neoplasm of other and unspecified female genital organs	700	...	658	...	62	0.5	...	1.0	...	0.8
177	Malignant neoplasm of prostate	11,042	10,056	...	966	...	7.4	15.2	...	12.8	...
178	Malignant neoplasm of testis	687	661	...	26	...	0.5	1.0	...	0.3	...
179	Malignant neoplasm of other and unspecified male genital organs	326	268	...	58	...	0.2	0.4	...	0.8	...
180	Malignant neoplasm of kidney	3,546	2,060	1,288	111	6	2.4	3.1	1.9	1.4	1.1
181	Malignant neoplasm of bladder and other urinary organs	6,313	4,036	1,916	209	152	4.2	6.1	2.9	2.7	1.9
Malignant neoplasm of other and unspecified sites (190-199)											
190	Malignant melanoma of skin	1,191	628	529	16	18	0.1	1.0	0.8	0.2	0.2
191	Other malignant neoplasm of skin	2,274	1,552	836	44	42	1.5	2.0	1.2	0.6	0.5
192	Malignant neoplasm of eye	415	209	182	1	15	0.3	0.3	0.3	0.1	0.2
193	Malignant neoplasm of brain and other parts of nervous system	3,952	2,285	1,470	105	71	2.6	3.5	2.2	1.4	0.9
194	Malignant neoplasm of thyroid gland	814	222	532	26	34	0.5	0.3	0.8	0.5	0.4
195	Malignant neoplasm of other endocrine glands	322	190	112	15	5	0.2	0.3	0.2	0.2	0.1
196	Malignant neoplasm of bone (including jaw bone)	2,355	1,275	989	97	75	1.6	1.9	1.3	1.3	0.9
197	Malignant neoplasm of connective tissue	525	286	214	26	19	0.4	0.4	0.3	0.3	0.2
198	Secondary and unspecified malignant neoplasm of lymph nodes	442	276	140	18	8	0.3	0.4	0.2	0.2	0.1
A	Not stated whether primary or secondary	379	233	123	16	7	0.5	0.4	0.2	0.2	0.1
B	Secondary	65	45	17	2	1	0.0	0.1	0.0	0.0	0.0
199	Malignant neoplasm of other and unspecified sites	8,142	5,532	4,029	326	455	5.5	5.0	6.0	4.2	5.7
A	Of other specified sites, not stated to be secondary	3,192	1,295	1,609	113	179	2.1	2.0	2.4	1.5	2.2
B	Of unspecified site, not stated to be secondary	955	549	418	66	103	0.6	0.5	0.6	0.9	1.3
C	Of small intestine, including duodenum, specified as secondary	7	1	6	—	—	0.0	0.0	0.0	0	0
D	Of large intestine, except rectum, specified as secondary	58	22	34	—	2	0.0	0.0	0.1	0	0.0
E	Of brain and other parts of nervous system specified as secondary	133	75	49	3	6	0.1	0.1	0.1	0.0	0.1
F	Of bone (including jaw bone), specified as secondary	168	95	67	3	3	0.1	0.1	0.1	0.0	0.0
G	Specified as secondary of any other site except liver, thoracic organs, and lymph nodes	688	250	392	22	24	0.5	0.4	0.6	0.5	0.3
H	Generalized and metastatic neoplasm of multiple sites	2,961	1,246	1,454	119	142	2.0	1.9	2.2	1.6	1.8
Neoplasms of lymphatic and hematopoietic tissues (200-205)											
200	Lymphosarcoma and reticulosarcoma	3,135	1,797	1,155	121	62	2.1	2.7	1.7	1.5	0.8
.0	Reticulum cell sarcoma	385	230	128	14	13	0.3	0.3	0.2	0.2	0.2
.1	Lymphosarcoma	2,354	1,546	875	92	41	1.6	2.0	1.3	1.2	0.5
.2	Other primary malignant neoplasms of lymphoid tissue	398	221	154	15	8	0.3	0.3	0.2	0.2	0.1
201	Hodgkin's disease	2,476	1,414	908	100	54	1.7	2.1	1.4	1.3	0.7
202	Other forms of lymphoma (reticulosia)	532	292	217	17	8	0.4	0.4	0.3	0.2	0.1
.0	Giant follicular lymphoma (Brill-Symmer's disease)	22	15	9	—	—	0.0	0.0	0.0	0	0
.1	Other	510	279	208	17	6	0.3	0.4	0.3	0.2	0.1
203	Multiple myeloma (plasmacytoma)	1,135	567	458	68	43	0.8	0.9	0.7	0.9	0.5
204	Leukemia and leukemias	8,102	4,455	3,226	252	171	5.5	6.7	4.8	3.3	2.1
.0	Lymphatic leukemia	3,312	1,934	1,235	100	53	2.2	2.9	1.8	1.3	0.7
.1	Myeloid leukemia	2,680	1,395	1,114	88	63	1.8	2.1	1.7	1.1	0.8
.2	Noscytic leukemia	454	252	180	11	11	0.3	0.4	0.5	0.1	0.1
.3	Acute leukemia, unspecified type	687	373	290	15	9	0.5	0.6	0.4	0.2	0.1
.4	Other and unspecified leukemia	989	509	407	38	35	0.7	0.8	0.6	0.5	0.4
205	Mycosis fungoides	49	26	17	3	3	0.0	0.0	0.0	0.0	0.0
Benign neoplasm (210-229)											
210	Benign neoplasm of buccal cavity and pharynx	13	8	5	1	1	0.0	0.0	0.0	0.0	0.0
211	Benign neoplasm of other parts of digestive system	201	111	69	10	11	0.1	0.2	0.1	0.1	0.1
212	Benign neoplasm of respiratory system	82	41	28	10	3	0.1	0.1	0.0	0.1	0.0
213	Benign neoplasm of breast	4	—	3	1	—	0.0	0	0.0	0.0	0
214	Uterine fibromyoma	945	...	570	...	376	0.6	...	0.9	...	4.7
215	Other benign neoplasm of uterus	96	...	62	...	14	0.1	...	0.1	...	0.2
216	Benign neoplasm of ovary	397	...	339	...	58	0.5	...	0.5	...	0.7
217	Benign neoplasm of other female genital organs	11	...	9	...	2	0.0	...	0.0	...	0.0
218	Benign neoplasm of kidney and other urinary organs	84	50	26	4	4	0.1	0.1	0.0	0.1	0.0
221	Pilonidal cyst	7	4	2	1	—	0.0	0.0	0.0	0.0	0
222	Other benign neoplasm of skin	9	3	6	—	—	0.0	0.0	0.0	0.0	0
223	Benign neoplasm of brain and other parts of nervous system	905	409	450	27	37	0.6	0.6	0.6	0.4	0.5
224	Benign neoplasm of endocrine glands	228	113	95	7	13	0.2	0.2	0.1	0.1	0.2
225	Benign neoplasm of bone and cartilage	58	31	24	1	2	0.0	0.0	0.0	0.0	0.0
226	Lipoma	31	17	10	2	2	0.0	0.0	0.0	0.0	0.0
227	Other benign neoplasm of muscular and connective tissue	18	10	6	—	—	0.0	0.0	0.0	0.0	0.0
228	Hemangioma and lymphangioma	94	46	41	5	2	0.1	0.1	0.1	0.1	0.0
229	Benign neoplasm of other and unspecified organs and tissues	35	14	15	2	4	0.0	0.0	0.0	0.0	0.0
Neoplasm of unspecified nature (230-239)											
230	Neoplasm of unspecified nature of digestive organs	267	120	127	15	5	0.2	0.2	0.2	0.2	0.1
231	Neoplasm of unspecified nature of respiratory organs	229	128	69	21	10	0.2	0.2	0.1	0.3	0.1
232	Neoplasm of unspecified nature of breast	7	1	4	—	—	0.0	0.0	0.0	0	0.0
233	Neoplasm of unspecified nature of uterus	15	...	12	...	3	0.0	...	0.0	...	0.0
234	Neoplasm of unspecified nature of ovary	25	...	22	...	1	0.0	...	0.0	...	0.0

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
II.—Neoplasms—Continued											
Neoplasms of unspecified nature (230-239)—Continued											
235	Neoplasm of unspecified nature of other female genital organs-----	2	...	1	...	1	0.0	...	0.0	...	0.0
236	Neoplasm of unspecified nature of other genito-urinary organs-----	98	53	35	6	5	0.1	0.1	0.1	0.1	0.1
237	Neoplasm of unspecified nature of brain and other parts of nervous system-----	1,691	829	669	104	89	1.1	1.3	1.0	1.4	1.1
238	Neoplasm of unspecified nature of skin and musculoskeletal system-----	37	15	17	2	5	0.0	0.0	0.0	0.0	0.1
239	Neoplasm of unspecified nature of other and unspecified organs-----	274	102	122	15	35	0.2	0.2	0.2	0.2	0.4
III.—Allergic, endocrine system, metabolic, and nutritional diseases											
Allergic disorders (240-245)											
240	Hay fever-----	7	-	3	-	4	0.0	0	0.0	0	0.0
241	Asthma-----	4,547	2,547	1,524	276	200	3.1	3.9	2.3	5.6	2.5
242	Angioneurotic edema-----	14	9	4	-	1	0.0	0.0	0.0	0	0.0
243	Urticaria-----	17	2	12	2	1	0.0	0.0	0.0	0.0	0.0
244	Allergic eczema-----	5	4	-	1	-	0.0	0.0	0	0.0	0
245	Other allergic disorders-----	22	5	13	4	-	0.0	0.0	0.0	0.1	0
Diseases of thyroid gland (250-254)											
250	Simple goiter-----	101	16	61	1	23	0.1	0.0	0.1	0.0	0.3
251	Nontoxic nodular goiter-----	65	14	52	-	19	0.1	0.0	0.1	0	0.2
252	Thyrotoxicosis with or without goiter-----	1,562	254	1,126	24	158	1.1	0.4	1.7	0.3	2.0
.0	Toxic diffuse goiter-----	1,345	228	955	22	140	0.9	0.3	1.4	0.3	1.7
.1	Toxic nodular goiter-----	217	26	171	2	18	0.1	0.0	0.3	0.0	0.2
253	Myxedema and cretinism-----	147	30	111	1	5	0.1	0.0	0.2	0.0	0.1
254	Other diseases of thyroid gland-----	58	10	45	-	3	0.0	0.0	0.1	0	0.0
Diabetes mellitus (260)											
260	Diabetes mellitus-----	25,089	8,717	14,158	714	1,500	16.9	13.2	21.2	9.3	18.6
Diseases of other endocrine glands (270-277)											
270	Disorders of pancreatic internal secretion other than diabetes mellitus-----	19	7	10	1	1	0.0	0.0	0.0	0.0	0.0
271	Diseases of parathyroid gland-----	31	14	15	2	-	0.0	0.0	0.0	0.0	0
272	Diseases of pituitary gland-----	146	70	60	5	11	0.1	0.1	0.1	0.1	0.1
273	Diseases of thymus gland-----	827	449	256	64	58	0.6	0.7	0.4	0.8	0.7
274	Diseases of adrenal glands-----	438	166	242	17	13	0.3	0.3	0.4	0.2	0.2
277	Polyglandular dysfunction and other diseases of endocrine glands-----	53	19	32	-	2	0.0	0.0	0.0	0	0.0
Avitaminoses, and other metabolic diseases (280-289)											
280	Beriberi-----	47	28	11	5	5	0.0	0.0	0.0	0.0	0.1
281	Pellagra-----	321	63	150	27	81	0.2	0.1	0.2	0.4	1.0
282	Scurvy-----	22	10	9	-	3	0.0	0.0	0.0	0	0.0
283	Active rickets-----	65	21	19	14	11	0.0	0.0	0.0	0.2	0.1
284	Late effects of rickets-----	4	2	1	1	-	0.0	0.0	0.0	0.0	0
285	Osteomalacia-----	12	1	10	-	1	0.0	0.0	0.0	0	0.0
286	Other avitaminoses and nutritional deficiency states-----	799	323	319	83	74	0.5	0.5	0.5	1.1	0.9
287	Obesity, not specified as of endocrine origin-----	42	17	23	1	1	0.0	0.0	0.0	0.0	0.0
288	Gout-----	9	7	1	-	-	0.0	0.0	0.0	0	0
289	Other metabolic diseases-----	238	139	85	6	8	0.2	0.2	0.1	0.1	0.1
IV.—Diseases of the blood and blood-forming organs											
Diseases of blood and blood-forming organs (290-299)											
290	Fernicious and other hyperchromic anemias-----	2,448	1,032	1,308	41	68	1.6	1.6	2.0	0.5	0.8
.0	Fernicious anemia-----	2,327	972	1,255	39	61	1.6	1.5	1.9	0.5	0.8
.1	Subacute combined degeneration of spinal cord-----	80	39	34	1	6	0.1	0.1	0.1	0.0	0.1
.2	Other hyperchromic anemias-----	42	21	19	1	1	0.0	0.0	0.0	0.0	0.0
291	Iron deficiency anemias (hypochromic anemias)-----	66	31	27	2	6	0.0	0.0	0.0	0.0	0.1
292	Other anemias of specified type-----	978	419	394	68	97	0.7	0.6	0.6	0.9	1.2
.0	Familial acholuric jaundice-----	4	2	2	-	-	0.0	0.0	0.0	0	0
.1	Acute hemolytic anemia-----	27	11	15	1	-	0.0	0.0	0.0	0.0	0
.2	Other hemolytic anemias-----	128	52	65	4	8	0.1	0.1	0.1	0.1	0.1
.3	Leuko-erythroblastic anemia-----	24	13	10	-	1	0.0	0.0	0.0	0	0.0
.4	Aplastic anemia-----	638	317	285	17	19	0.4	0.5	0.4	0.2	0.2
.5	Nonregenerative anemia-----	6	4	2	-	-	0.0	0.0	0.0	0	0
.6	Sickle cell anemia-----	111	-	-	45	66	0.1	0	0	0.6	0.8
.7	Other specified anemias-----	39	20	15	1	3	0.0	0.0	0.0	0.0	0.0
293	Anemia of unspecified type-----	955	373	435	72	73	0.6	0.6	0.6	0.9	0.9
294	Polycythemia-----	198	118	79	1	-	0.1	0.2	0.1	0.0	0
295	Hemophilia-----	66	57	4	5	-	0.0	0.1	0.0	0.1	0
296	Purpura and other hemorrhagic conditions-----	585	234	294	21	34	0.4	0.4	0.4	0.3	0.4
297	Agrenulocytosis-----	152	61	60	5	6	0.1	0.1	0.1	0.1	0.1
298	Diseases of spleen-----	297	144	138	9	6	0.2	0.2	0.2	0.1	0.1
299	Other diseases of blood and blood-forming organs-----	89	35	38	9	7	0.1	0.1	0.1	0.1	0.1
V.—Mental, psychoneurotic, and personality disorders											
Psychoses (300-309)											
300	Schizophrenic disorders (dementia praecox)-----	383	153	170	29	41	0.3	0.2	0.3	0.4	0.5
301	Manic-depressive reaction-----	208	51	80	28	49	0.1	0.1	0.1	0.4	0.6
302	Involitional melancholia-----	56	12	39	-	5	0.0	0.0	0.1	0	0.1
303	Paranoia and paranoid states-----	10	5	3	1	1	0.0	0.0	0.0	0.0	0.0
304	Senile psychosis-----	1,208	512	576	55	65	0.8	0.8	0.9	0.7	0.8
305	Parasitic psychosis-----	70	36	43	-	1	0.0	0.0	0.1	0	0.0
307	Alcoholic psychosis-----	298	252	18	24	5	0.2	0.4	0.0	0.3	0.1
309	Other and unspecified psychoses-----	338	111	161	29	37	0.2	0.2	0.2	0.4	0.5
Psychoneurotic disorders (310-318)											
310	Anxiety reaction without mention of somatic symptoms-----	2	-	2	-	-	0.0	0	0.0	0	0
311	Hysterical reaction without mention of anxiety reaction-----	35	9	23	1	2	0.0	0.0	0.0	0.0	0.0
313	Obsessive-compulsive reaction-----	2	-	1	1	-	0.0	0	0.0	0.0	0
314	Neurotic-depressive reaction-----	3	2	1	-	-	0.0	0.0	0.0	0	0

SUMMARY AND RATE TABLES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER				RATE					
		Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
V.—Mental, psychoneurotic, and personality disorders—Continued											
Psychoneurotic disorders (310-318)—Continued											
315	Psychoneurosis with amatic symptoms (somatization reaction) affecting circulatory system	16	3	7	1	5	0.0	0.0	0.0	0.0	0.1
316	Psychoneurosis with somatic symptoms (somatization reaction) affecting digestive system	9	5	4	-	-	0.0	0.0	0.0	0	0
317	Psychoneurosis with somatic symptoms (somatization reactions) affecting other systems	4	3	1	-	-	0.0	0.0	0.0	0	0
318	Psychoneurotic disorders, other, mixed, and unspecified types	45	14	26	1	4	0.0	0.0	0.0	0.0	0.0
Disorders of character, behavior, and intelligence (320-326)											
322	Alcoholism	2,466	1,790	515	278	85	1.7	2.7	0.5	3.6	1.1
.0	Acute	807	569	98	102	58	0.5	0.9	0.1	1.3	0.5
.1	Chronic	1,011	765	148	81	17	0.7	1.2	0.2	1.1	0.2
.2	Unspecified	648	456	67	95	30	0.4	0.7	0.1	1.2	0.4
325	Other drug addiction	65	31	24	6	2	0.0	0.0	0.0	0.1	0.0
325	Mental deficiency	375	200	150	12	13	0.5	0.3	0.2	0.2	0.2
VI.—Diseases of the nervous system and sense organs											
Vascular lesions affecting central nervous system (330-334)											
330	Subarachnoid hemorrhage	2,804	1,186	1,220	196	202	1.9	1.8	1.8	2.6	2.5
331	Cerebral hemorrhage	102,443	43,342	46,213	5,952	6,896	69.0	65.7	69.0	77.6	85.7
332	Cerebral embolism and thrombosis	22,791	10,612	10,336	872	771	15.3	16.4	15.4	11.4	9.6
333	Spasm of cerebral arteries	11	8	3	-	-	0.0	0.0	0.0	0	0
334	Other and ill-defined vascular lesions affecting central nervous system	21,904	9,102	9,128	1,682	1,992	14.7	13.8	13.6	21.9	24.8
Inflammatory diseases of central nervous system (340-345)											
340	Meningitis, except meningococcal and tuberculous	2,147	959	644	320	244	1.4	1.4	1.0	4.2	3.0
.0	H. influenza	416	185	121	60	52	0.3	0.3	0.2	0.8	0.6
.1	Pneumococcus	434	196	109	71	59	0.3	0.3	0.2	0.9	0.7
.2	Due to other specified organism	169	88	41	24	16	0.1	0.1	0.1	0.3	0.2
.3	Unspecified causes	1,128	472	373	165	119	0.6	0.7	0.6	2.1	1.5
341	Phlebitis and thrombophlebitis of intracranial venous sinuses	59	26	7	3	3	0.0	0.0	0.0	0.0	0.0
342	Intracranial and intraspinal abscess	367	206	101	39	21	0.2	0.3	0.2	0.5	0.3
343	Encephalitis, myelitis, and encephalomyelitis (except acute infectious)	827	367	305	73	64	0.6	0.6	0.5	1.0	0.8
344	Late effects of intracranial abscess or pyogenic infection	704	318	267	62	37	0.5	0.5	0.4	0.8	0.5
345	Multiple sclerosis	1,379	649	684	24	22	0.9	1.0	1.0	0.3	0.3
Other diseases of central nervous system (350-357)											
350	Paralysis agitans	2,179	1,203	916	31	29	1.5	1.8	1.4	0.4	0.4
351	Cerebral spastic infantile paralysis	677	332	265	48	32	0.5	0.5	0.4	0.6	0.4
352	Other cerebral paralysis	920	362	342	109	117	0.6	0.5	0.5	1.4	1.5
353	Epilepsy	2,397	1,185	781	233	140	1.6	1.8	1.2	3.8	1.7
.0	Petit mal	10	4	3	3	-	0.0	0.0	0.0	0.0	0
.1	Grand mal	231	123	77	24	7	0.2	0.2	0.1	0.3	0.1
.2	Status epilepticus	621	253	175	58	35	0.4	0.4	0.3	0.8	0.4
.3	Other and unspecified	1,635	805	526	208	98	1.1	1.2	0.8	2.7	1.2
355	Other diseases of brain	591	285	245	38	27	0.4	0.4	0.4	0.5	0.3
356	Motor neuron disease and muscular atrophy	1,042	605	386	24	27	0.7	0.9	0.6	0.3	0.3
.0	Progressive muscular atrophy	368	197	148	10	13	0.2	0.3	0.2	0.1	0.2
.1	Atrophic lateral sclerosis	637	391	223	12	11	0.4	0.6	0.3	0.2	0.1
.2	Spinal type of muscular atrophy	29	14	11	2	2	0.0	0.0	0.0	0.0	0.0
.3	Other and unspecified manifestations	8	3	4	-	1	0.0	0.0	0.0	0	0.0
357	Other diseases of spinal cord	300	142	120	25	15	0.2	0.2	0.2	0.3	0.2
Diseases of nerves and peripheral ganglia (360-369)											
360	Facial paralysis	9	3	5	1	-	0.0	0.0	0.0	0.0	0
361	Trigeminal neuralgia	41	16	22	2	1	0.0	0.0	0.0	0.0	0.0
362	Brachial neuritis	1	1	-	-	-	0.0	0.0	0	0	0
363	Sciatica	5	1	3	-	1	0.0	0.0	0.0	0	0.0
364	Polyradiculitis and polyradiculitis	126	67	44	9	6	0.1	0.1	0.1	0.1	0.1
365	Erythroderma polymyositis	3	1	2	-	-	0.0	0.0	0.0	0	0
366	Other and unspecified forms of neuralgia and neuritis	43	21	12	4	6	0.0	0.0	0.0	0.1	0.1
367	Other diseases of cranial nerves	19	11	5	1	2	0.0	0.0	0.0	0.0	0.0
368	Other diseases of peripheral nerves except autonomic	24	10	9	2	3	0.0	0.0	0.0	0.0	0.0
369	Diseases of peripheral autonomic nervous system	5	3	-	-	2	0.0	0.0	0	0	0.0
Inflammatory diseases of eye (370-379)											
372	Keratoconjunctivitis (sty)	1	1	-	-	-	0.0	0.0	0	0	0
373	Iritis	5	2	2	1	-	0.0	0.0	0.0	0.0	0
375	Chorioiditis	1	1	1	-	-	0.0	0	0.0	0	0
376	Other inflammation of uveal tract	7	4	2	-	1	0.0	0.0	0.0	0	0.0
377	Inflammation of optic nerve and retina	2	1	-	-	1	0.0	0.0	0	0	0.0
378	Inflammation of lachrymal glands and ducts	4	2	1	1	-	0.0	0.0	0.0	0.0	0
379	Other inflammatory diseases of eye	8	6	2	-	-	0.0	0.0	0.0	0	0
Other diseases and conditions of eye (380-389)											
381	Corneal ulcer	3	2	1	-	-	0.0	0.0	0.0	0	0
384	Strabismus	17	10	5	1	1	0.0	0.0	0.0	0.0	0.0
385	Cataract	54	24	27	1	2	0.0	0.0	0.0	0.0	0.0
386	Detachment of retina	4	3	1	-	-	0.0	0.0	0.0	0	0
387	Glaucoma	24	10	11	2	1	0.0	0.0	0.0	0.0	0.0
388	Other diseases of eye	25	8	11	5	1	0.0	0.0	0.0	0.1	0.0
Diseases of ear and mastoid process (390-396)											
390	Otitis externa	2	-	2	-	-	0.0	0	0.0	0	0
391	Otitis media without mention of mastoiditis	459	224	180	29	26	0.3	0.3	0.3	0.4	0.3
392	Otitis media with mastoiditis	83	48	21	6	8	0.1	0.1	0.0	0.1	0.1
393	Mastoiditis without mention of otitis media	102	60	30	6	6	0.1	0.1	0.0	0.1	0.1
394	Other inflammatory diseases of ear	5	4	1	-	-	0.0	0.0	0.0	0	0
395	Ménière's disease	6	3	2	1	-	0.0	0.0	0.0	0.0	0
396	Other diseases of ear and mastoid process	10	7	1	2	-	0.0	0.0	0.0	0.0	0

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

Number	Cause of death	SIXTH REVISION OF INTERNATIONAL LIST, 1948									
		Total	NUMBER				Total	RATE			
			White		Nonwhite			White		Nonwhite	
Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
VII.—Diseases of the circulatory system											
Rheumatic fever (400-402)											
400	Rheumatic fever without mention of heart involvement	356	140	133	39	45	0.2	0.2	0.2	0.5	0.6
401	Rheumatic fever with heart involvement	1,908	807	752	156	193	1.3	1.2	1.1	2.0	2.4
.0	Active rheumatic pericarditis	153	74	48	15	16	0.1	0.1	0.1	0.2	0.2
.1	Active rheumatic endocarditis	516	229	212	34	41	0.3	0.3	0.3	0.4	0.5
.2	Active rheumatic myocarditis	162	65	56	17	24	0.1	0.1	0.1	0.2	0.3
.3	Active rheumatic fever with other and multiple types of heart involvement	1,077	439	436	90	112	0.7	0.7	0.7	1.2	1.4
402	Chorea	40	18	19	2	1	0.0	0.0	0.0	0.0	0.0
.0	Without mention of heart involvement	18	8	7	2	1	0.0	0.0	0.0	0.0	0.0
.1	With heart involvement	22	10	12	-	-	0.0	0.0	0.0	0	0
Chronic rheumatic heart disease (410-416)											
410	Diseases of mitral valve	9,109	4,127	3,950	512	520	8.1	6.2	5.9	6.7	6.5
411	Diseases of aortic valve specified as rheumatic	702	505	158	30	9	0.5	0.8	0.2	0.4	0.1
412	Diseases of tricuspid valve	24	15	8	1	-	0.0	0.0	0.0	0.0	0
413	Diseases of pulmonary valve specified as rheumatic	4	1	2	1	-	0.0	0.0	0.0	0.0	0
414	Other endocarditis specified as rheumatic	1,227	584	594	35	34	0.8	0.9	0.9	0.5	0.4
415	Other myocarditis specified as rheumatic	1,052	482	468	45	39	0.7	0.7	0.7	0.6	0.5
416	Other heart disease specified as rheumatic	8,336	3,632	3,924	422	358	5.6	5.5	5.9	5.5	4.5
Arteriosclerotic and degenerative heart disease (420-422)											
420	Arteriosclerotic heart disease, including coronary disease	299,109	185,324	97,482	9,542	6,781	201.3	280.5	145.7	124.3	84.1
.0	Arteriosclerotic heart disease, so described	69,512	46,774	37,272	3,042	2,424	60.3	70.8	55.7	39.6	30.1
.1	Heart disease specified as involving coronary arteries	207,025	136,699	59,464	6,362	4,228	159.4	207.3	88.8	82.9	52.6
.2	Angina pectoris without mention of coronary disease	2,574	1,581	746	138	109	1.7	2.4	1.1	1.8	1.4
421	Chronic endocarditis not specified as rheumatic	11,307	5,147	4,269	960	931	7.8	7.8	6.4	12.5	11.6
.0	Of mitral valve, specified as nonrheumatic	277	119	115	26	17	0.2	0.2	0.2	0.3	0.2
.1	Of aortic valve, not specified as rheumatic	2,056	1,045	562	257	192	1.4	1.6	0.8	5.3	2.4
.2	Of tricuspid valve, specified as nonrheumatic	5	-	5	-	-	0.0	0.0	0.0	0	0
.3	Of pulmonary valve, not specified as rheumatic	5	4	1	-	-	0.0	0.0	0.0	0	0
.4	Other and ill-defined, not specified as rheumatic	8,964	3,979	3,596	677	722	6.0	6.0	5.4	8.8	9.0
422	Other myocardial degeneration	80,094	37,835	34,594	4,109	3,556	53.9	57.3	51.7	53.5	44.2
.0	Fatty degeneration	135	59	64	3	10	0.1	0.1	0.1	0.0	0.1
.1	With arteriosclerosis	34,649	15,979	16,125	1,361	1,183	23.3	24.2	24.1	17.7	14.7
.2	Other	45,311	21,798	18,405	2,745	2,363	30.5	33.0	27.5	35.8	29.4
Other diseases of heart (430-434)											
430	Acute and subacute endocarditis	1,187	578	352	130	127	0.8	0.9	0.5	1.7	1.8
.0	Acute and subacute bacterial endocarditis	894	483	280	73	58	0.6	0.7	0.4	1.0	0.7
.1	Other acute endocarditis	293	95	72	57	69	0.2	0.1	0.1	0.7	0.9
431	Acute myocarditis not specified as rheumatic	3,289	1,480	1,173	302	314	2.2	2.2	1.8	3.9	3.9
432	Acute pericarditis specified as nonrheumatic	42	28	7	2	5	0.0	0.0	0.0	0.0	0.1
433	Functional disease of heart	2,142	1,087	964	51	60	1.4	1.6	1.4	0.7	0.7
.0	Heart block	523	310	173	19	21	0.4	0.5	0.3	0.2	0.3
.1	Other disorders of heart rhythm	1,600	746	785	32	37	1.1	1.1	1.2	0.4	0.5
.2	Other functional diseases of heart	19	11	6	-	2	0.0	0.0	0.0	0	0
434	Other and unspecified diseases of heart	17,176	9,019	5,020	1,802	1,335	11.6	13.6	7.5	23.5	16.6
.0	Kyphoscoliotic heart disease	69	34	32	1	2	0.0	0.1	0.0	0.0	0.0
.1	Congestive heart failure	3,609	1,709	1,234	362	304	2.4	2.8	1.8	4.7	3.8
.2	Left ventricular failure	1,023	565	330	88	40	0.7	0.9	0.5	1.1	0.5
.3	Other and unspecified disease of heart	12,475	6,711	3,424	1,351	989	8.4	10.2	5.1	17.6	12.3
Hypertensive disease (440-447)											
440	Essential benign hypertension with heart disease	688	271	384	17	17	0.5	0.4	0.6	0.2	0.2
441	Essential malignant hypertension with heart disease	741	274	278	86	103	0.5	0.4	0.4	1.1	1.3
442	Hypertensive heart disease with arteriolar nephrosclerosis	25,718	10,851	10,324	2,314	2,229	17.3	15.4	15.4	30.1	27.7
443	Other and unspecified hypertensive heart disease	56,660	20,516	25,758	4,782	5,604	38.1	31.1	38.5	62.3	69.7
444	Essential benign hypertension without mention of heart	2,997	977	1,275	290	355	2.0	1.5	1.9	3.8	4.4
445	Essential malignant hypertension without mention of heart	1,048	383	298	184	185	0.7	0.6	0.4	2.4	2.3
446	Hypertension with arteriolar nephrosclerosis without mention of heart	5,628	2,605	2,122	463	438	3.8	3.9	3.2	6.0	5.4
447	Other hypertensive disease without mention of heart	2,626	966	1,364	141	155	1.8	1.5	2.0	1.8	1.9
Diseases of arteries (450-456)											
450	General arteriosclerosis	30,426	14,374	14,002	1,124	926	20.5	21.8	20.9	14.6	11.5
.0	Without mention of gangrene	28,192	13,155	13,169	1,025	823	19.0	19.9	19.7	13.4	10.2
.1	With gangrene	2,234	1,219	833	99	103	1.5	1.8	1.2	1.3	1.3
451	Aortic aneurysm specified as nonsyphilitic, and dissecting aneurysm	1,497	990	336	106	55	1.0	1.5	0.5	1.4	0.7
452	Other aneurysm, except of heart and aorta	292	147	107	20	18	0.2	0.2	0.2	0.3	0.2
453	Peripheral vascular disease	369	250	94	13	12	0.2	0.4	0.1	0.2	0.1
.0	Raynaud's disease	44	24	16	1	3	0.0	0.0	0.0	0.0	0.0
.1	Thrombo-angiitis obliterans	302	207	76	10	9	0.2	0.3	0.1	0.1	0.1
.3	Other	23	19	2	-	-	0.0	0.0	0.0	0.0	0
454	Arterial embolism and thrombosis	354	173	161	11	9	0.2	0.3	0.2	0.1	0.1
455	Gangrene of unspecified cause	323	171	101	29	29	0.2	0.3	0.2	0.4	0.4
456	Other diseases of arteries	596	184	326	19	67	0.4	0.3	0.5	0.2	0.8
Diseases of veins and other diseases of circulatory system (460-468)											
460	Varicose veins of lower extremities	269	99	144	14	12	0.2	0.1	0.2	0.2	0.1
461	Hemorrhoids	119	79	33	6	1	0.1	0.1	0.0	0.1	0.0
462	Varicose veins of other specified sites	245	148	85	5	7	0.2	0.2	0.1	0.1	0.1
463	Phlebitis and thrombophlebitis of lower extremities	579	248	296	22	23	0.4	0.4	0.4	0.3	0.3
464	Phlebitis and thrombophlebitis of other sites	366	159	176	12	21	0.2	0.2	0.3	0.2	0.3
465	Pulmonary embolism and infarction	1,111	524	427	80	80	0.7	0.8	0.6	1.0	1.0
466	Other venous embolism and thrombosis	579	274	249	27	29	0.4	0.4	0.4	0.4	0.4
467	Other diseases of circulatory system	263	121	99	27	26	0.2	0.2	0.1	0.4	0.3
.0	Hypotension	49	25	13	4	7	0.0	0.0	0.0	0.1	0.1
.1	Diseases of capillaries	14	7	7	-	-	0.0	0.0	0.0	0	0
.2	Other and unspecified circulatory diseases	200	89	69	23	19	0.1	0.1	0.1	0.3	0.2
468	Certain diseases of lymph nodes and lymph channels	89	46	28	8	7	0.1	0.1	0.0	0.1	0.1

SUMMARY AND RATE TABLES

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**TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued**

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LIST, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
VIII.—Diseases of the respiratory system											
Acute upper respiratory infections (470-475)											
470	Acute nasopharyngitis (common cold)-----	155	44	44	42	25	0.1	0.1	0.1	0.5	0.3
471	Acute sinusitis-----	35	15	14	6	-	0.0	0.0	0.0	0.1	0
472	Acute pharyngitis-----	150	54	47	15	14	0.1	0.1	0.1	0.2	0.2
473	Acute tonsillitis-----	215	78	79	28	50	0.1	0.1	0.1	0.5	0.4
474	Acute laryngitis and tracheitis-----	224	128	73	15	10	0.2	0.2	0.1	0.2	0.1
475	Acute upper respiratory infection of multiple or unspecified sites-----	157	64	66	17	10	0.1	0.1	0.1	0.2	0.1
Influenza (480-483)											
480	Influenza with pneumonia-----	2,382	812	777	408	385	1.6	1.2	1.2	5.3	4.8
481	Influenza with other respiratory manifestations, and influenza unqualified-----	1,914	778	749	202	185	1.5	1.2	1.1	2.6	2.3
482	Influenza with digestive manifestations, but without respiratory symptoms-----	290	111	118	36	25	0.2	0.2	0.2	0.5	0.3
483	Influenza with nervous manifestations, but without digestive or respiratory symptoms-----	16	3	12	-	1	0.0	0.0	0.0	0	0.0
Pneumonia (490-495)											
490	Lobar pneumonia-----	14,365	7,072	4,352	1,744	1,197	9.7	10.7	6.5	22.7	14.9
491	Bronchopneumonia-----	19,052	8,552	6,979	1,863	1,659	12.8	12.9	10.4	24.3	20.6
492	Primary atypical pneumonia-----	5,107	1,535	1,219	200	153	2.1	2.3	1.8	2.8	1.9
493	Pneumonia, other and unspecified-----	5,514	1,520	1,197	461	336	2.4	2.3	1.8	6.0	4.2
Bronchitis (500-502)											
500	Acute bronchitis-----	991	457	367	80	87	0.7	0.7	0.5	1.0	1.1
501	Bronchitis, unqualified-----	889	414	312	73	90	0.6	0.6	0.5	1.0	1.1
502	Chronic bronchitis-----	1,404	860	461	46	37	0.9	1.3	0.7	0.6	0.5
.0	Bronchitis with emphysema-----	252	216	30	3	3	0.2	0.3	0.0	0.0	0.0
.1	Other-----	1,152	644	431	43	34	0.8	1.0	0.6	0.6	0.4
Other diseases of respiratory system (510-527)											
510	Hypertrophy of tonsils and adenoids-----	377	179	136	33	29	0.3	0.3	0.2	0.4	0.4
511	Peritonsillar abscess (quinsy)-----	50	25	14	6	5	0.0	0.0	0.0	0.1	0.1
512	Chronic pharyngitis and nasopharyngitis-----	3	2	-	1	-	0.0	0.0	0	0.0	0
513	Chronic sinusitis-----	162	92	51	10	9	0.1	0.1	0.1	0.1	0.1
514	Deflected nasal septum-----	1	1	-	-	-	0.0	0.0	0	0	0
515	Nasal polyp-----	8	6	2	-	-	0.0	0.0	0.0	0	0
516	Chronic laryngitis-----	4	3	1	-	-	0.0	0.0	0.0	0	0
517	Other diseases of upper respiratory tract-----	289	133	97	26	13	0.2	0.2	0.1	0.3	0.2
518	Empyema-----	244	171	47	17	9	0.2	0.3	0.1	0.2	0.1
519	Pleurisy-----	222	121	71	19	11	0.1	0.2	0.1	0.2	0.1
520	Spontaneous pneumothorax-----	46	30	8	3	5	0.0	0.0	0.0	0.0	0.1
521	Abscess of lung-----	676	399	131	100	46	0.5	0.6	0.2	1.3	0.6
522	Pulmonary congestion and hypostasis-----	1,389	568	659	86	76	0.9	0.9	1.0	1.1	0.9
523	Pneumoconiosis due to silica and silicates (occupational)-----	1,393	1,332	19	41	1	0.9	2.0	0.0	0.5	0.0
.0	Silicosis-----	649	609	9	31	-	0.4	0.9	0.0	0.4	0
.1	Anthracosilicosis-----	578	572	3	3	-	0.4	0.9	0.0	0.0	0
.2	Asbestosis-----	16	12	2	1	1	0.0	0.0	0.0	0.0	0.0
.3	Other, including pneumoconiosis unspecified-----	150	139	5	6	-	0.1	0.2	0.0	0.1	0
524	Other specified pneumoconiosis and pulmonary fibrosis of occupational origin-----	81	78	3	-	-	0.1	0.1	0.0	0	0
525	Other chronic interstitial pneumonia-----	851	538	227	43	25	0.6	0.8	0.3	0.6	0.3
526	Bronchiectasis-----	2,187	1,407	897	61	22	1.5	2.1	1.0	0.8	0.3
527	Other diseases of lung and pleural cavity-----	1,480	1,038	272	108	62	1.0	1.6	0.4	1.4	0.8
.0	Pulmonary collapse (1 year and over)-----	107	59	33	10	5	0.1	0.1	0.0	0.1	0.1
.1	Emphysema without mention of bronchitis-----	915	772	91	41	11	0.6	1.2	0.1	0.5	0.1
.2	Other-----	458	207	148	57	46	0.3	0.3	0.2	0.7	0.6
IX.—Diseases of the digestive system											
Diseases of buccal cavity and esophagus (530-539)											
531	Abscesses of supporting structures of teeth-----	39	25	8	3	5	0.0	0.0	0.0	0.0	0.1
532	Other inflammatory diseases of supporting structures of teeth-----	159	78	38	22	21	0.1	0.1	0.1	0.3	0.3
533	Disorders of occlusion, eruption, and tooth development-----	9	5	4	1	1	0.0	0.0	0.0	0.0	0.0
534	Other diseases of teeth and supporting structures-----	69	38	21	6	4	0.0	0.1	0.0	0.1	0.0
535	Stomatitis-----	20	4	9	3	4	0.0	0.0	0.0	0.0	0.0
536	Diseases of salivary glands-----	54	16	34	2	2	0.0	0.0	0.1	0.0	0.0
537	Other diseases of buccal cavity-----	40	15	16	2	7	0.0	0.0	0.0	0.0	0.1
538	Diseases of esophagus-----	373	189	136	33	16	0.3	0.3	0.2	0.4	0.2
539	Diseases of stomach and duodenum (540-545)										
540	Ulcer of stomach-----	4,416	3,154	763	376	113	3.0	4.8	1.1	4.9	1.4
.0	Without mention of perforation-----	2,661	1,934	490	204	73	1.8	2.9	0.7	2.7	0.9
.1	With perforation-----	1,755	1,270	273	172	40	1.2	1.9	0.4	2.2	0.5
541	Ulcer of duodenum-----	3,393	2,694	512	155	42	2.3	4.1	0.8	2.0	0.5
.0	Without mention of perforation-----	2,069	1,639	319	90	21	1.4	2.5	0.5	1.2	0.3
.1	With perforation-----	1,324	1,045	193	65	21	0.9	1.6	0.3	0.8	0.3
542	Gastrojejunal ulcer-----	105	85	16	2	4	0.1	0.1	0.0	0.0	0.0
.0	Without mention of perforation-----	73	60	9	1	3	0.0	0.1	0.0	0.0	0.0
.1	With perforation-----	32	25	7	1	1	0.0	0.0	0.0	0.0	0.0
543	Gastritis and duodenitis-----	542	147	98	43	54	0.2	0.2	0.1	0.6	0.7
544	Disorders of function of stomach-----	445	145	113	82	107	0.3	0.2	0.2	1.1	1.5
545	Other diseases of stomach and duodenum-----	310	201	79	22	8	0.2	0.3	0.1	0.3	0.1
Appendicitis (550-553)											
550	Acute appendicitis-----	3,385	1,804	1,055	298	206	2.3	2.7	1.6	3.9	2.6
.0	Without mention of peritonitis-----	651	362	215	40	34	0.4	0.5	0.3	0.5	0.4
.1	With peritonitis-----	2,714	1,442	840	258	174	1.8	2.2	1.3	3.4	2.2
551	Appendicitis, unqualified-----	134	67	47	11	9	0.1	0.1	0.1	0.1	0.1
552	Other appendicitis-----	74	42	29	1	2	0.0	0.1	0.0	0.0	0.0
553	Other diseases of appendix-----	171	89	60	13	9	0.1	0.1	0.1	0.2	0.1

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

Number	Cause of death	NUMBER				RATE					
		Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
SIXTH REVISION OF INTERNATIONAL LISTS, 1948											
IX.—Diseases of the digestive system—Continued											
Hernia of abdominal cavity (560,561)											
560	Hernia of abdominal cavity without mention of obstruction-----	1,281	742	432	77	30	0.9	1.1	0.6	1.0	0.4
.0	Inguinal-----	317	265	18	33	1	0.2	0.4	0.0	0.4	0.0
.1	Femoral-----	17	6	9	2	-	0.0	0.0	0.0	0.0	0
.2	Umbilical-----	166	71	71	15	9	0.1	0.1	0.1	0.2	0.1
.3	Ventral (incisional)-----	235	82	140	2	11	0.2	0.1	0.2	0.0	0.1
.4	Other specified site-----	359	184	160	9	6	0.2	0.3	0.2	0.1	0.1
.5	Unspecified site-----	187	134	34	16	3	0.1	0.2	0.1	0.2	0.0
561	Hernia of abdominal cavity with obstruction-----	2,798	1,374	1,158	176	90	1.9	2.1	1.7	2.3	1.1
.0	Inguinal-----	929	695	112	113	9	0.6	1.1	0.2	1.5	0.1
.1	Femoral-----	332	95	231	2	4	0.2	0.1	0.3	0.0	0.0
.2	Umbilical-----	320	78	210	8	28	0.2	0.1	0.3	0.1	0.3
.3	Ventral (incisional)-----	487	107	345	4	33	0.3	0.2	0.5	0.1	0.4
.4	Other specified site-----	167	76	78	8	5	0.1	0.1	0.1	0.1	0.1
.5	Unspecified site-----	563	325	184	41	13	0.4	0.5	0.3	0.5	0.2
Other diseases of intestines and peritoneum (570-578)											
570	Intestinal obstruction without mention of hernia-----	5,775	2,580	2,621	561	413	3.9	5.6	3.9	4.7	5.1
.0	Intussusception-----	343	166	117	35	25	0.2	0.3	0.2	0.5	0.3
.1	Paralytic ileus-----	332	152	140	27	13	0.2	0.2	0.2	0.4	0.2
.2	Mesenteric infarction-----	1,107	552	470	40	45	0.7	0.8	0.7	0.5	0.6
.3	Volvulus-----	757	363	278	64	52	0.5	0.5	0.4	0.8	0.6
.4	Impaction of intestine-----	229	71	139	11	8	0.2	0.1	0.2	0.1	0.1
.5	Other-----	3,007	1,076	1,477	184	270	2.0	1.6	2.2	2.4	3.4
571	Gastro-enteritis and colitis, except ulcerative, age 4 weeks and over-----	7,567	3,021	2,704	1,019	823	5.1	4.6	4.0	13.3	10.2
.0	Age between 4 weeks and 2 years-----	6,131	2,473	2,071	900	687	4.1	3.7	3.1	11.7	8.5
.1	Age 2 years and over-----	1,436	548	633	119	136	1.0	0.8	0.9	1.6	1.7
572	Chronic enteritis and ulcerative colitis-----	2,061	908	1,044	52	57	1.4	1.4	1.6	0.7	0.7
.0	Regional enteritis-----	126	66	54	5	1	0.1	0.1	0.1	0.1	0.0
.1	Diverticulitis-----	986	464	496	13	13	0.7	0.7	0.7	0.2	0.2
.2	Ulcerative colitis-----	742	297	395	22	28	0.5	0.4	0.6	0.3	0.3
.3	Other-----	207	81	99	12	15	0.1	0.1	0.1	0.2	0.2
573	Functional disorders of intestines-----	74	27	36	4	7	0.0	0.0	0.1	0.1	0.1
574	Anal fissure and fistula-----	16	8	3	2	3	0.0	0.0	0.0	0.0	0.0
575	Abscess of anal and rectal regions-----	125	63	23	23	16	0.1	0.1	0.0	0.3	0.2
576	Peritonitis-----	528	236	208	27	57	0.4	0.4	0.3	0.4	0.7
577	Peritoneal adhesion-----	69	22	40	2	5	0.0	0.0	0.1	0.0	0.1
578	Other diseases of intestines and peritoneum-----	1,350	672	485	112	81	0.9	1.0	0.7	1.5	1.0
Diseases of liver, gallbladder, and pancreas (580-587)											
580	Acute and subacute yellow atrophy of liver-----	728	323	304	53	46	0.5	0.5	0.5	0.7	0.6
581	Cirrhosis of liver-----	13,894	8,468	4,290	580	356	9.2	12.8	6.4	7.6	4.4
.0	Without mention of alcoholism-----	10,516	6,310	3,468	442	296	7.1	9.5	5.2	5.8	3.7
.1	With alcoholism-----	3,178	2,158	822	138	60	2.1	3.3	1.2	1.8	0.7
582	Suppurative hepatitis and liver abscess-----	168	97	43	12	14	0.1	0.1	0.1	0.2	0.2
583	Other diseases of liver-----	507	251	208	35	33	0.5	0.3	0.3	0.5	0.4
584	Cholelithiasis-----	3,925	1,292	2,519	38	79	2.6	2.0	3.8	0.5	1.0
585	Cholecystitis without mention of calculi-----	2,364	847	1,399	36	82	1.8	1.3	2.1	0.5	1.0
586	Other diseases of gallbladder and biliary ducts-----	795	274	486	15	21	0.5	0.4	0.7	0.2	0.3
587	Diseases of pancreas-----	1,258	684	495	75	26	0.8	1.0	0.7	1.0	0.3
.0	Acute pancreatitis-----	898	477	345	57	20	0.6	0.7	0.5	0.7	0.2
.1	Chronic pancreatitis-----	132	80	41	8	3	0.1	0.1	0.1	0.1	0.0
.2	Other diseases of pancreas-----	227	107	107	10	3	0.2	0.2	0.2	0.1	0.0
X.—Diseases of the genito-urinary system											
Nephritis and nephrosis (590-594)											
590	Acute nephritis-----	2,279	950	759	299	272	1.5	1.4	1.1	3.9	3.4
591	Nephritis with edema, including nephrosis-----	1,318	596	457	140	125	0.9	0.9	0.7	1.8	1.6
592	Chronic nephritis-----	20,966	9,142	8,164	1,837	1,823	14.1	13.8	12.2	23.9	22.7
593	Nephritis not specified as acute or chronic-----	4,603	1,924	1,601	536	542	3.1	2.9	2.4	7.0	6.7
594	Other renal sclerosis-----	368	148	119	53	46	0.2	0.2	0.2	0.7	0.6
Other diseases of urinary system (600-609)											
600	Infections of kidney-----	3,128	1,585	1,341	227	205	2.1	2.1	2.0	3.0	2.5
.0	Pyelitis, pyelocystitis, and pyelonephritis-----	2,933	1,272	1,285	213	193	2.0	1.9	1.9	2.8	2.4
.1	Abscess of kidney and perirenal tissue-----	141	65	57	10	9	0.1	0.1	0.1	0.1	0.1
.2	Other-----	54	18	29	4	3	0.0	0.0	0.0	0.1	0.0
601	Hydronephrosis-----	243	120	105	12	6	0.2	0.2	0.2	0.2	0.1
602	Calculi of kidney and ureter-----	932	496	379	27	31	0.5	0.8	0.6	0.4	0.4
603	Other diseases of kidney and ureter-----	566	179	118	42	27	0.2	0.3	0.2	0.5	0.3
604	Calculi of other parts of urinary system-----	146	114	20	9	3	0.1	0.2	0.0	0.1	0.0
605	Cystitis-----	399	188	140	46	25	0.3	0.3	0.2	0.6	0.3
606	Other diseases of bladder-----	251	168	42	55	6	0.2	0.3	0.1	0.5	0.1
607	Urethritis (nonvenereal)-----	5	2	1	2	-	0.0	0.0	0.0	0.0	0
608	Stricture of urethra-----	228	125	5	95	4	0.2	0.2	0.0	1.2	0.0
609	Other diseases of urethra-----	107	61	19	25	2	0.1	0.1	0.0	0.3	0.0
Diseases of male genital organs (610-617)											
610	Hyperplasia of prostate-----	6,860	6,097	...	763	...	4.6	9.2	...	9.9	...
611	Prostatitis-----	538	432	...	106	...	0.4	0.7	...	1.4	...
612	Other diseases of prostate-----	316	282	...	34	...	0.2	0.4	...	0.4	...
613	Hydrocele-----	27	23	...	4	...	0.0	0.0	...	0.1	...
614	Orchitis and epididymitis-----	8	5	...	3	...	0.0	0.0	...	0.0	...
615	Redundant prepuce and phimosis-----	11	9	...	2	...	0.0	0.0	...	0.0	...
617	Other diseases of male genital organs-----	37	26	...	11	...	0.0	0.0	...	0.1	...
Diseases of breast, ovary, fallopian tube, and parametrium (620-626)											
620	Chronic cystic disease of breast-----	3	-	2	-	1	0.0	0	0.0	0	0.0
621	Other diseases of breast-----	16	3	8	-	5	0.0	0.0	0.0	0	0.1
622	Acute salpingitis and oophoritis-----	31	...	18	...	13	0.0	...	0.0	...	0.2
623	Chronic salpingitis and oophoritis-----	30	...	16	...	14	0.0	...	0.0	...	0.2
624	Salpingitis and oophoritis, unqualified-----	147	...	69	...	79	0.1	...	0.1	...	1.0
625	Other diseases of ovary and fallopian tube-----	35	...	29	...	6	0.0	...	0.0	...	0.1
626	Diseases of parametrium and pelvic peritoneum (female)-----	200	...	151	...	69	0.1	...	0.2	...	0.9

SUMMARY AND RATE TABLES

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**TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued**

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
X.—Diseases of genito-urinary system—Continued											
Diseases of uterus and other female genital organs (630-657)											
630	Infective disease of uterus, vagina, and vulva	78	...	66	...	10	0.1	...	0.1	...	0.1
631	Uterovaginal prolapse	249	...	240	...	9	0.2	...	0.4	...	0.1
632	Malposition of uterus	20	...	18	...	2	0.0	...	0.0	...	0.0
633	Other diseases of uterus	168	...	135	...	33	0.1	...	0.2	...	0.4
634	Disorders of menstruation	11	...	7	...	4	0.0	...	0.0	...	0.0
635	Menopausal symptoms	4	...	3	...	1	0.0	...	0.0	...	0.0
637	Other diseases of female genital organs	18	...	16	...	2	0.0	...	0.0	...	0.0
XI.—Deliveries and complications of pregnancy, childbirth, and the puerperium											
Complications of pregnancy (640-649)											
640	Pyelitis and pyelonephritis of pregnancy	15	...	12	...	3	0.0	...	0.0	...	0.0
641	Other infections of genito-urinary tract during pregnancy	12	...	7	...	5	0.0	...	0.0	...	0.1
642	Toxemia of pregnancy	869	...	553	...	316	0.8	...	0.8	...	3.9
.0	Hypertensive disease arising during pregnancy	37	...	23	...	14	0.0	...	0.0	...	0.2
.1	Renal disease arising during pregnancy	161	...	108	...	53	0.1	...	0.2	...	0.7
.2	Preeclampsia of pregnancy	62	...	43	...	19	0.0	...	0.1	...	0.2
.3	Molampexia of pregnancy	376	...	230	...	146	0.5	...	0.3	...	1.8
.4	Hypertensive gravidarum	12	...	11	...	1	0.0	...	0.0	...	0.0
.5	Other	221	...	138	...	83	0.1	...	0.2	...	1.0
643	Placenta praevia	19	...	15	...	4	0.0	...	0.0	...	0.0
644	Other hemorrhage of pregnancy	21	...	14	...	7	0.0	...	0.0	...	0.1
645	Ectopic pregnancy	203	...	108	...	95	0.1	...	0.2	...	1.2
.0	Without mention of sepsis	173	...	90	...	83	0.1	...	0.1	...	1.0
.1	With sepsis	30	...	18	...	12	0.0	...	0.0	...	0.1
646	Anemia of pregnancy	5	...	1	...	4	0.0	...	0.0	...	0.0
649	Other complications arising from pregnancy	76	...	50	...	26	0.1	...	0.1	...	0.3
Abortion (650-652)											
650	Abortion without mention of sepsis or toxemia	99	...	62	...	37	0.1	...	0.1	...	0.5
.0	Spontaneous or unspecified	69	...	43	...	26	0.0	...	0.1	...	0.3
.1	Induced for medical or legal indications	5	...	2	...	3	0.0	...	0.0	...	0.0
.2	Induced for other reasons	21	...	14	...	7	0.0	...	0.0	...	0.1
.3	Other	4	...	3	...	1	0.0	...	0.0	...	0.0
651	Abortion with sepsis	261	...	154	...	107	0.2	...	0.2	...	1.3
.0	Spontaneous or unspecified	181	...	102	...	79	0.1	...	0.2	...	1.0
.1	Induced for medical or legal indications	10	...	7	...	3	0.0	...	0.0	...	0.0
.2	Induced for other reasons	69	...	44	...	25	0.0	...	0.1	...	0.3
.3	Other	1	...	1	...	0	0.0	...	0.0	...	0
652	Abortion with toxemia, without mention of sepsis	34	...	20	...	14	0.0	...	0.0	...	0.2
.0	Spontaneous or unspecified	21	...	11	...	10	0.0	...	0.0	...	0.1
.1	Induced for medical or legal indications	11	...	6	...	5	0.0	...	0.0	...	0.0
.2	Induced for other reasons	2	...	1	...	1	0.0	...	0.0	...	0.0
Delivery without complication (660)											
660	Delivery without complication	123	...	90	...	33	0.1	...	0.1	...	0.4
Delivery with specified complication (670-678)											
670	Delivery complicated by placenta praevia or antepartum hemorrhage	220	...	148	...	72	0.1	...	0.2	...	0.9
671	Delivery complicated by retained placenta	45	...	27	...	18	0.0	...	0.0	...	0.2
672	Delivery complicated by other postpartum hemorrhage	240	...	167	...	73	0.2	...	0.2	...	0.9
673	Delivery complicated by abnormality of bony pelvis	7	...	4	...	3	0.0	...	0.0	...	0.0
674	Delivery complicated by disproportion or malposition of fetus	65	...	42	...	23	0.0	...	0.1	...	0.5
675	Delivery complicated by prolonged labor of other origin	45	...	35	...	10	0.0	...	0.1	...	0.1
676	Delivery with laceration of perineum, without mention of other laceration	1	...	0	...	1	0.0	...	0	...	0.0
677	Delivery with other trauma	65	...	51	...	14	0.0	...	0.1	...	0.2
678	Delivery with other complications of childbirth	46	...	40	...	6	0.0	...	0.1	...	0.1
Complications of the puerperium (680-689)											
680	Puerperal urinary infection without other sepsis	6	...	3	...	3	0.0	...	0.0	...	0.0
681	Sepsis of childbirth and the puerperium	146	...	79	...	67	0.1	...	0.1	...	0.8
682	Puerperal phlebitis and thrombosis	101	...	73	...	28	0.1	...	0.1	...	0.5
683	Pyrexia of unknown origin during the puerperium	1	...	1	...	0	0.0	...	0.0	...	0
684	Puerperal pulmonary embolism	242	...	187	...	55	0.2	...	0.3	...	0.7
685	Puerperal eclampsia	146	...	86	...	60	0.1	...	0.1	...	0.7
686	Other forms of puerperal toxemia	18	...	13	...	5	0.0	...	0.0	...	0.1
687	Cerebral hemorrhage in the puerperium	61	...	41	...	20	0.0	...	0.1	...	0.2
688	Other and unspecified complications of the puerperium	23	...	15	...	8	0.0	...	0.0	...	0.1
689	Mastitis and other disorders of lactation	1	...	1	...	0	0.0	...	0.0	...	0
XII.—Diseases of the skin and cellular tissue											
Infections of skin and subcutaneous tissue (690-698)											
690	Boil and carbuncle	64	34	17	5	8	0.0	0.1	0.0	0.1	0.1
691	Cellulitis of finger and toe	8	3	4	1	1	0.0	0.0	0.0	0	0.0
692	Other cellulitis and abscess without mention of lymphangitis	241	108	82	35	18	0.2	0.2	0.1	0.5	0.2
693	Other cellulitis and abscess with lymphangitis	13	10	2	—	1	0.0	0.0	0.0	0	0.0
695	Impetigo	9	3	1	4	1	0.0	0.0	0.0	0.1	0.0
698	Other local infections of skin and subcutaneous tissue	78	37	25	8	10	0.1	0.1	0.0	0.1	0.1
Other diseases of skin and subcutaneous tissue (700-716)											
701	Eczema	44	17	12	12	3	0.0	0.0	0.0	0.2	0.0
703	Other dermatitis	35	18	13	2	2	0.0	0.0	0.0	0.0	0.0
704	Psoriasis	290	141	111	12	16	0.2	0.2	0.2	0.2	0.2
705	Erythematous conditions	212	70	89	14	29	0.1	0.1	0.1	0.2	0.4
706	Poisoning and similar disorders	9	1	7	—	—	0.0	0.0	0.0	0.0	0
707	Lichen planus	2	2	—	—	—	0.0	0.0	0	0	0
708	Pruritus and related conditions	2	2	—	—	—	0.0	0.0	0	0	0
710	Other hypertrophic and atrophic conditions of skin	119	45	65	1	12	0.1	0.1	0.1	0.0	0.1
711	Other dermatoses	6	5	1	—	—	0.0	0.0	0.0	0	0
712	Diseases of nail	2	1	1	—	—	0.0	0.0	0.0	0	0
714	Diseases of sweat and sebaceous glands	4	1	3	—	—	0.0	0.0	0.0	0	0
715	Chronic ulcer of skin	280	87	141	24	28	0.2	0.1	0.2	0.3	0.3
716	Other diseases of skin	13	6	5	3	1	0.0	0.0	0.0	0.0	0.0

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

Number	Cause of death	NUMBER						RATE			
		Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
SIXTH REVISION OF INTERNATIONAL LIST, 1948											
XIII.—Diseases of the bones and organs of movement											
Arthritis and rheumatism, except rheumatic fever (720-727)											
720	Acute arthritis due to pyogenic organisms	46	18	15	5	8	0.0	0.0	0.0	0.1	0.1
722	Rheumatoid arthritis and allied conditions	811	257	494	27	45	0.5	0.4	0.7	0.4	0.5
723	Osteo-arthritis (arthrosis) and allied conditions	489	140	314	12	23	0.3	0.2	0.5	0.2	0.3
724	Other specified forms of arthritis	27	7	12	2	6	0.0	0.0	0.0	0.0	0.1
725	Arthritis, unspecified	398	123	229	18	28	0.3	0.2	0.3	0.2	0.3
726	Muscular rheumatism	22	7	13	-	2	0.0	0.0	0.0	0	0.0
727	Rheumatism unspecified	75	36	28	3	8	0.1	0.1	0.0	0.0	0.1
Osteomyelitis and other diseases of bone and joint (730-738)											
730	Osteomyelitis and periostitis	219	123	54	27	15	0.1	0.2	0.1	0.4	0.2
731	Osteitis deformans	107	48	49	4	5	0.1	0.1	0.1	0.1	0.1
732	Osteochondrosis	6	3	3	-	-	0.0	0.0	0.0	0	0
733	Other diseases of bone	135	46	80	4	5	0.1	0.1	0.1	0.1	0.1
734	Internal derangement of knee joint	1	-	-	-	1	0.0	0	0	0	0.0
735	Displacement of intervertebral disc	55	34	18	4	1	0.0	0.1	0.0	0.1	0.0
737	Ankylosis of joint	10	5	4	-	1	0.0	0.0	0.0	0	0.0
738	Other diseases of joint	12	6	6	-	-	0.0	0.0	0.0	0	0
Other diseases of musculoskeletal system (740-749)											
740	Bunion	5	2	3	-	-	0.0	0.0	0.0	0	0
741	Synovitis, bursitis, and tenosynovitis without mention of occupational origin	11	8	3	-	-	0.0	0.0	0.0	0	0
743	Infective myositis and other inflammatory diseases of tendon and fascia	3	3	-	-	-	0.0	0.0	0	0	0
744	Other diseases of muscle, tendon, and fascia	465	258	182	14	11	0.3	0.4	0.3	0.2	0.1
745	Curvature of spine	42	17	17	5	3	0.0	0.0	0.0	0.1	0.0
748	Clubfoot	12	5	4	3	-	0.0	0.0	0.0	0.0	0
749	Other deformities	13	10	1	1	1	0.0	0.0	0.0	0.0	0.0
XIV.—Congenital malformations											
Congenital malformations (750-759)											
750	Monstrosity	863	356	494	8	25	0.6	0.5	0.7	0.1	0.3
751	Spina bifida and meningocele	1,980	837	1,056	52	35	1.3	1.3	1.5	0.7	0.4
752	Congenital hydrocephalus	1,389	607	846	75	61	0.9	0.9	1.0	1.0	0.8
753	Other congenital malformations of nervous system and sense organs	362	250	267	26	19	0.4	0.4	0.4	0.3	0.2
754	Congenital malformations of circulatory system	8,568	4,410	3,354	430	374	5.8	6.7	5.0	5.6	4.7
.0	Tetralogy of Fallot	336	181	135	10	10	0.2	0.3	0.2	0.1	0.1
.1	Patent ductus arteriosus (Botalli)	446	232	174	24	16	0.3	0.4	0.3	0.3	0.2
.2	Interventricular septal defect	368	187	152	19	10	0.2	0.3	0.2	0.2	0.1
.3	Interauricular septal defect	784	418	322	24	20	0.5	0.6	0.5	0.3	0.2
.4	Other and unspecified malformations of heart	5,731	2,924	2,231	306	270	5.9	4.4	3.3	4.0	3.4
.5	Coarctation of aorta	176	107	53	8	8	0.1	0.2	0.1	0.1	0.1
.6	Other circulatory malformations	727	361	287	39	40	0.5	0.5	0.4	0.5	0.5
755	Cleft palate and harelip	202	104	71	17	10	0.1	0.2	0.1	0.2	0.1
756	Congenital malformations of digestive system	2,326	1,367	874	166	99	1.7	2.1	1.3	2.2	1.2
.0	Congenital hypertrophic pyloric stenosis	308	182	60	45	21	0.2	0.3	0.1	0.6	0.3
.1	Imperforate anus	209	135	46	17	11	0.1	0.2	0.1	0.2	0.1
.2	Other	2,009	1,070	768	104	67	1.4	1.6	1.1	1.4	0.8
757	Congenital malformations of genito-urinary system	1,230	694	467	76	45	0.9	1.1	0.7	1.0	0.5
.0	Undescended testicle	6	6	...	...	...	0.0	0.0	...	...	...
.1	Polycystic disease of kidney	758	393	306	32	27	0.5	0.6	0.5	0.4	0.3
.2	Congenital malformations of external genital organs	22	15	5	-	2	0.0	0.0	0.0	0	0.0
.3	Other	494	280	158	44	14	0.3	0.4	0.2	0.6	0.2
758	Congenital malformations of bone and joint	246	123	105	10	8	0.2	0.2	0.2	0.1	0.1
759	Other and unspecified congenital malformations, not elsewhere classified	1,248	670	426	79	71	0.8	1.0	0.6	1.0	0.9
.0	Of respiratory system	449	260	147	21	21	0.3	0.4	0.2	0.3	0.3
.1	Of skin	20	15	2	-	2	0.0	0.0	0.0	0	0.0
.2	Of muscle	82	46	30	4	2	0.1	0.1	0.0	0.1	0.0
.3	Other and unspecified	697	348	249	54	46	0.5	0.5	0.4	0.7	0.6
XV.—Certain diseases of early infancy											
Birth injuries, asphyxia, and infections of newborn (760-769)											
760	Intracranial and spinal injury at birth	5,574	2,987	1,644	587	356	3.8	4.5	2.5	7.6	4.4
.0	Without mention of immaturity	4,112	2,243	1,201	417	251	2.8	3.4	1.8	5.4	3.1
.5	With immaturity	1,462	744	443	170	105	1.0	1.1	0.7	2.2	1.3
761	Other birth injury	6,740	3,584	2,418	415	343	4.5	5.4	3.6	5.4	4.3
.0	Without mention of immaturity	2,571	1,230	887	246	208	1.7	1.9	1.3	3.2	2.6
.5	With immaturity	4,169	2,334	1,531	169	135	2.8	3.5	2.3	2.2	1.7
762	Postnatal asphyxia and atelectasis	15,239	6,789	4,424	1,156	870	8.9	10.3	6.8	15.1	10.8
.0	Without mention of immaturity	5,106	2,617	1,669	475	345	3.4	4.0	2.5	6.2	4.3
.5	With immaturity	8,133	4,172	2,755	681	525	5.5	6.3	4.1	8.9	6.5
763	Pneumonia of newborn	2,966	1,296	910	422	338	2.0	2.0	1.4	5.5	4.2
.0	Without mention of immaturity	2,069	885	610	324	250	1.4	1.3	0.9	4.2	3.1
.5	With immaturity	897	411	300	98	88	0.8	0.6	0.4	1.3	1.1
764	Diarrhea of newborn	1,142	486	344	189	123	0.8	0.7	0.5	2.5	1.5
.0	Without mention of immaturity	826	357	251	135	85	0.6	0.5	0.4	1.8	1.0
.5	With immaturity	316	129	93	54	40	0.2	0.2	0.1	0.7	0.5
765	Ophthalmia neonatorum	9	1	3	4	1	0.0	0.0	0.0	0.1	0.0
.0	Without mention of immaturity	4	1	3	-	-	0.0	0.0	0.0	0	0
.5	With immaturity	5	-	-	4	1	0.0	0	0	0.1	0.0
766	Pemphigus neonatorum	47	25	14	6	2	0.0	0.0	0.0	0.1	0.0
.0	Without mention of immaturity	34	20	9	4	1	0.0	0.0	0.0	0.1	0.0
.5	With immaturity	13	5	5	2	1	0.0	0.0	0.0	0.0	0.0
767	Umbilical sepsis	102	37	23	23	19	0.1	0.1	0.0	0.3	0.2
.0	Without mention of immaturity	92	31	20	22	19	0.1	0.0	0.0	0.3	0.2
.5	With immaturity	10	6	3	1	-	0.0	0.0	0.0	0.0	0
768	Other sepsis of newborn	205	93	56	30	26	0.1	0.1	0.1	0.4	0.3
.0	Without mention of immaturity	122	64	30	16	12	0.1	0.1	0.0	0.2	0.1
.5	With immaturity	83	29	26	14	14	0.1	0.0	0.0	0.2	0.2

SUMMARY AND RATE TABLES

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TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LIST, 1948		NUMBER						RATE			
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
IV.—Certain diseases of early infancy—Continued											
Birth injuries, asphyxia, and infections of newborn (760-789)—Continued											
769	Neonatal disorders arising from maternal toxemia-----	1,129	515	402	120	92	0.8	0.8	0.6	1.6	1.1
.0-.4	Without mention of immaturity-----	266	113	88	41	24	0.2	0.2	0.1	0.5	0.3
.4	Attributed to "toxemia of pregnancy"-----	213	90	69	35	19	0.1	0.1	0.1	0.5	0.2
.1	Attributed to maternal diabetes-----	28	14	10	1	3	0.0	0.0	0.0	0.0	0.0
.3	Attributed to toxoplasmosis-----	1	1	-	-	-	0.0	0.0	0	0	0
.4	Attributed to other or unspecified maternal toxemia-----	24	6	9	5	2	0.0	0.0	0.0	0.1	0.0
.5-.9	With immaturity-----	863	402	314	79	68	0.6	0.6	0.5	1.0	0.8
.5	Attributed to "toxemia of pregnancy"-----	696	306	261	71	58	0.5	0.5	0.4	0.9	0.7
.6	Attributed to maternal diabetes-----	65	41	19	2	3	0.0	0.1	0.0	0.0	0.0
.7	Attributed to maternal rubella-----	14	7	5	-	2	0.0	0.0	0.0	0	0.0
.8	Attributed to toxoplasmosis-----	2	1	-	-	-	0.0	0.0	0.0	0	0
.9	Attributed to other or unspecified maternal toxemia-----	86	47	28	6	5	0.1	0.1	0.0	0.1	0.1
Other diseases peculiar to early infancy (770-778)											
770	Hemolytic disease of newborn (erythroblastosis)-----	2,519	1,391	944	110	74	1.7	2.1	1.4	1.4	0.9
.0-.2	Without mention of immaturity-----	2,047	1,165	738	92	52	1.4	1.8	1.1	1.2	0.6
.5-.7	With immaturity-----	472	226	206	18	22	0.3	0.3	0.3	0.2	0.3
771	Hemorrhagic disease of newborn-----	1,020	491	308	140	81	0.7	0.7	0.5	1.8	1.0
.0	Without mention of immaturity-----	710	317	223	115	55	0.5	0.5	0.3	1.5	0.7
.5	With immaturity-----	310	174	85	25	26	0.2	0.3	0.2	0.3	0.3
772	Nutritional maladjustment-----	1,317	498	355	261	203	0.9	0.8	0.5	3.4	2.5
.0	Without mention of immaturity-----	890	351	243	171	125	0.6	0.5	0.4	2.2	1.6
.5	With immaturity-----	427	147	112	90	78	0.3	0.2	0.2	1.2	1.0
773	Ill-defined diseases peculiar to early infancy-----	3,224	1,433	1,046	425	320	2.2	2.2	1.6	5.5	4.0
.0	Without mention of immaturity-----	901	354	260	165	122	0.6	0.5	0.4	2.1	1.5
.5	With immaturity-----	2,323	1,079	786	260	198	1.6	1.6	1.2	3.4	2.5
774	Immaturity with mention of any other subsidiary condition-----	1,424	646	476	162	140	1.0	1.0	0.7	2.1	1.7
776	Immaturity, unqualified-----	23,522	10,863	8,093	2,495	2,071	15.8	16.4	12.1	32.5	25.7
XVI.—Symptoms, senility, and ill-defined conditions											
Symptoms referable to systems or organs (780-789)											
780	Certain symptoms referable to nervous system and special senses-----	249	89	73	44	44	0.2	0.1	0.1	0.6	0.5
781	Other symptoms referable to nervous system and special senses-----	25	13	8	3	1	0.0	0.0	0.0	0.0	0.0
782	Symptoms referable to cardiovascular and lymphatic systems-----	2,367	1,281	638	259	189	1.6	1.9	1.0	3.4	2.3
783	Symptoms referable to respiratory system-----	224	91	66	46	21	0.2	0.1	0.1	0.6	0.3
784	Symptoms referable to upper gastro-intestinal tract-----	186	90	59	17	9	0.1	0.1	0.1	0.2	0.1
785	Symptoms referable to abdomen and lower gastro-intestinal system-----	249	96	64	32	37	0.2	0.1	0.1	0.7	0.5
786	Symptoms referable to genito-urinary system-----	49	25	11	10	3	0.0	0.0	0.0	0.1	0.0
788	Other general symptoms-----	157	49	49	33	27	0.1	0.1	0.1	0.4	0.3
789	Abnormal urinary constituents of unspecified cause-----	18	11	3	2	2	0.0	0.0	0.0	0.0	0.0
Senility and ill-defined diseases (790-795)											
790	Nervousness and debility-----	51	21	16	5	7	0.0	0.0	0.0	0.1	0.1
791	Headache-----	7	1	1	2	3	0.0	0.0	0.0	0.0	0.0
792	Uremia, unqualified-----	514	232	169	57	36	0.3	0.4	0.3	0.7	0.4
794	Senility without mention of psychosis-----	6,359	2,340	2,878	546	593	4.3	3.5	4.3	7.1	7.4
795	Ill-defined and unknown causes of mortality-----	13,065	4,502	2,302	3,437	2,844	8.8	6.8	3.4	44.8	35.4
.0	Other ill-defined conditions-----	589	272	164	102	60	0.4	0.4	0.2	1.3	0.7
.2	Sudden death (cause unknown)-----	778	309	127	193	149	0.5	0.5	0.2	2.8	1.9
.3	Found dead (cause unknown)-----	677	328	116	145	88	0.5	0.5	0.2	1.9	1.1
.4	Died without sign of disease-----	3,688	1,532	670	839	587	2.5	2.4	1.0	10.9	7.3
.5	Other, unknown, and unspecified causes-----	7,344	2,001	1,225	2,158	1,960	4.9	3.0	1.8	28.1	24.4
XVII.—Accidents, poisonings, and violence											
Railway accidents (E800-E802)											
E800	Railway accident involving railroad employee-----	423	378	-	45	-	0.3	0.6	0	0.6	0
E801	Railway accident involving passenger-----	78	55	5	18	-	0.1	0.1	0.0	0.2	0
E802	Railway accident involving other and unspecified person-----	1,618	1,128	186	279	25	1.1	1.7	0.3	3.6	0.3
Motor-vehicle traffic accidents (E810-E825)											
E810	Motor-vehicle traffic accident involving collision with railway train-----	1,452	1,048	317	61	26	1.0	1.6	0.5	0.8	0.3
E811	Motor-vehicle traffic accident involving collision with streetcar-----	66	44	7	2	3	0.0	0.1	0.0	0.0	0.0
E812	Motor-vehicle traffic accident to pedestrian-----	8,288	5,483	1,751	848	256	5.6	8.3	2.6	11.0	3.2
E813	Motor-vehicle traffic accident to pedal cyclist-----	402	304	39	57	2	0.3	0.5	0.1	0.7	0.0
E814	Motor-vehicle traffic accident to rider or passenger of motor-cycle, in collision with nonmotor vehicle or object-----	88	59	3	6	-	0.0	0.1	0.0	0.1	0
E815	Motor-vehicle traffic accident to rider or passenger of motorcycle in collision with other motor vehicle-----	614	551	53	30	-	0.4	0.8	0.0	0.4	0
E816	Other motor-vehicle traffic accident involving two or more motor vehicles-----	6,013	3,920	1,617	366	110	4.0	5.9	2.4	4.8	1.4
E817	Motor-vehicle traffic accident to occupant of motor vehicle in collision with pedestrian or pedal cycle-----	8	6	1	1	-	0.0	0.0	0.0	0.0	0
E818	Motor-vehicle traffic accident involving collision with animal or animal-drawn vehicle-----	77	35	8	30	4	0.1	0.1	0.0	0.4	0.0
E819	Motor-vehicle traffic accident involving collision with fixed or unspecified object-----	1,826	1,223	441	117	45	1.2	1.9	0.7	1.5	0.6
E820	Motor-vehicle traffic accident while boarding and alighting-----	55	20	30	4	1	0.0	0.0	0.0	0.1	0.0
E821	Motor-vehicle traffic accident to rider of motorcycle not involving collision-----	402	358	29	15	-	0.3	0.5	0.0	0.2	0
E822	Motor-vehicle traffic accident involving overturning in roadway-----	1,697	1,239	260	165	33	1.1	1.9	0.4	2.1	0.4
E823	Motor-vehicle traffic accident involving running off roadway-----	3,698	2,690	610	319	79	2.5	4.1	0.9	4.2	1.0
E824	Other noncollision motor-vehicle traffic accident-----	1,045	650	238	124	33	0.7	1.0	0.4	1.6	0.4
E825	Motor-vehicle traffic accident of unspecified nature-----	5,162	3,451	1,163	447	101	3.5	5.2	1.7	5.8	1.3
Motor-vehicle nontraffic accidents (E830-E835)											
E830	Motor-vehicle nontraffic accident to pedestrian-----	479	309	127	30	13	0.3	0.5	0.2	0.4	0.2
E831	Motor-vehicle nontraffic accident to pedal cyclist-----	2	2	-	-	-	0.0	0.0	0	0	0
E832	Motor-vehicle nontraffic accident to rider or passenger of motorcycle-----	19	19	-	-	-	0.0	0.0	0	0	0
E833	Other motor-vehicle nontraffic accident involving two or more motor vehicles-----	20	16	3	1	-	0.0	0.0	0.0	0.0	0
E834	Motor-vehicle nontraffic accident while boarding and alighting-----	17	8	7	2	-	0.0	0.0	0.0	0.0	0
E835	Motor-vehicle nontraffic accident of other and unspecified nature-----	301	237	36	25	3	0.2	0.4	0.1	0.3	0.0

VITAL STATISTICS OF THE UNITED STATES

TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE, AND SEX:
UNITED STATES, 1949—Continued

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LIST, 1948		NUMBER				RATE					
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
XVII.—Accidents, poisonings, and violence—Continued											
Other road-vehicle accidents (E840-E845)											
E840	Streetcar accident to pedestrian	161	96	43	15	8	0.1	0.1	0.1	0.2	0.1
E841	Other streetcar accident, except collision with motor vehicle	17	10	5	1	1	0.0	0.0	0.0	0.0	0.0
E842	Accident to pedestrian caused by pedal cycle	17	6	8	2	1	0.0	0.0	0.0	0.0	0.0
E843	Accident to rider of pedal cycle not involving collision with motor vehicle	61	49	5	5	2	0.0	0.1	0.0	0.1	0.0
E844	Accident to pedestrian caused by other nonmotor road vehicle	22	14	2	4	2	0.0	0.0	0.0	0.1	0.0
E845	Other nonmotor road-vehicle accidents	321	221	35	61	4	0.2	0.3	0.1	0.8	0.0
Water-transport accidents (E850-E858)											
E850	Submersion of occupant of small boat	1,243	1,006	94	129	14	0.8	1.5	0.1	1.7	0.2
E851	Other water-transport injury by submersion	111	97	1	12	1	0.1	0.1	0.0	0.2	0.0
E852	Fall on stairs and ladders in water transport	2	-	1	1	-	0.0	0	0.0	0.0	0
E853	Other falls from one level to another in water transport	36	30	-	6	-	0.0	0.0	0	0.1	0
E854	Falls on same level in water transport	4	4	-	-	-	0.0	0.0	0	0	0
E855	Unspecified falls in water transport	9	6	1	2	-	0.0	0.0	0.0	0.0	0
E856	Machinery accident in water transport	15	13	1	1	-	0.0	0.0	0.0	0.0	0
E857	Other specified accidents in water transport	62	55	3	4	-	0.0	0.1	0.0	0.1	0
E858	Water-transport accident of unspecified cause	2	2	-	-	-	0.0	0.0	0	0	0
Aircraft accidents (E860-E866)											
E860	Accident to personnel in military aircraft	113	112	-	1	-	0.1	0.2	0	0.0	0
E861	Injury to occupant by accident to commercial "transport" aircraft	175	126	47	1	1	0.1	0.2	0.1	0.0	0.0
E862	Other injury in commercial "transport" aircraft	1	-	-	-	-	0.0	0.0	0	0	0
E863	Injury to occupant by accident to other aircraft	129	117	12	-	-	0.1	0.2	0.0	0	0
E864	Aircraft accident at airfield to person not in aircraft	9	6	3	-	-	0.0	0.0	0.0	0	0
E865	Aircraft accident elsewhere to person not in aircraft	16	12	1	2	1	0.0	0.0	0.0	0.0	0.0
E866	Other and unspecified aircraft accidents	1,106	1,033	69	4	-	0.7	1.6	0.1	0.1	0
Accidental poisoning by solid and liquid substances (E870-E888)											
E870	Accidental poisoning by morphine and other opium derivatives	27	14	7	3	3	0.0	0.0	0.0	0.0	0.0
E871	Accidental poisoning by barbituric acid and derivatives	486	207	248	8	3	0.3	0.3	0.4	0.1	0.0
E872	Accidental poisoning by aspirin and salicylates	70	41	22	3	4	0.0	0.1	0.0	0.0	0.0
E873	Accidental poisoning by bromides	8	2	6	-	-	0.0	0.0	0.0	0	0
E874	Accidental poisoning by other analgesic and soporific drugs	92	46	40	4	2	0.1	0.1	0.1	0.1	0.0
E875	Accidental poisoning by sulphonamides	5	4	-	-	1	0.0	0.0	0	0	0.0
E876	Accidental poisoning by strychnine	22	11	11	-	-	0.0	0.0	0.0	0	0
E877	Accidental poisoning by belladonna, hyoscyne, and atropine	2	2	-	-	-	0.0	0.0	0	0	0
E878	Accidental poisoning by other and unspecified drugs	65	28	22	11	4	0.0	0.0	0.0	0.1	0.0
E879	Accidental poisoning by noxious foodstuffs	27	15	7	1	4	0.0	0.0	0.0	0.0	0.0
E880	Accidental poisoning by alcohol	239	164	16	43	16	0.2	0.2	0.0	0.8	0.2
E881	Accidental poisoning by petroleum products	117	44	26	34	13	0.1	0.1	0.0	0.4	0.2
E882	Accidental poisoning by industrial solvents	31	27	1	2	1	0.0	0.0	0.0	0.0	0.0
E883	Accidental poisoning by corrosive aromatics, acids, and caustic alkalies	87	30	17	27	13	0.1	0.0	0.0	0.4	0.2
E884	Accidental poisoning by mercury and its compounds	24	8	12	1	3	0.0	0.0	0.0	0.0	0.0
E885	Accidental poisoning by lead and its compounds	57	32	10	7	8	0.0	0.0	0.0	0.1	0.1
E886	Accidental poisoning by arsenic and antimony, and their compounds	57	31	13	6	7	0.0	0.0	0.0	0.1	0.1
E887	Accidental poisoning by fluorides	19	7	9	2	1	0.0	0.0	0.0	0.0	0.0
E888	Accidental poisoning by other and unspecified solid and liquid substances	219	99	73	28	19	0.1	0.1	0.1	0.4	0.2
Accidental poisoning by gases and vapors (E890-E895)											
E890	Accidental poisoning by utility (illuminating) gas	967	564	338	48	17	0.7	0.9	0.5	0.6	0.2
E891	Accidental poisoning by motor-vehicle exhaust gas	244	200	33	8	3	0.2	0.3	0.0	0.1	0.0
E892	Accidental poisoning by other carbon monoxide gas	263	168	76	14	5	0.2	0.3	0.1	0.2	0.1
E893	Accidental poisoning by cyanide gas	5	4	-	1	-	0.0	0.0	0	0.0	0
E894	Accidental poisoning by other specified gases and vapors	109	71	17	20	1	0.1	0.1	0.0	0.3	0.0
E895	Accidental poisoning by unspecified gases and vapors	29	21	4	-	-	0.0	0.0	0.0	0.1	0
Accidental falls (E900-E904)											
E900	Fall on stairs	2,779	1,439	1,181	102	57	1.9	2.2	1.8	1.3	0.7
E901	Fall from ladders	34	294	31	18	1	0.2	0.4	0.0	0.2	0.0
E902	Other falls from one level to another	4,333	2,527	1,424	266	116	2.9	3.9	2.1	3.5	1.4
E903	Fall on same level	4,300	1,725	2,430	79	66	2.9	2.6	3.6	1.0	0.8
E904	Unspecified falls	10,552	3,967	6,165	257	223	7.1	5.9	9.2	3.3	2.8
Other accidents (E910-E936)											
E910	Blow from falling object	1,604	1,327	69	202	6	1.1	2.0	0.1	2.6	0.1
E911	Accident caused by vehicle	163	146	1	16	-	0.1	0.2	0.0	0.2	0
E912	Accident caused by machinery	1,669	1,455	69	139	6	1.1	2.2	0.1	1.8	0.1
E913	Accident caused by cutting and piercing instruments	312	166	52	70	24	0.2	0.3	0.1	0.9	0.3
E914	Accident caused by electric current	1,046	919	65	57	5	0.7	1.4	0.1	0.7	0.1
E915	Accident caused by explosion of pressure vessel	65	58	3	4	-	0.0	0.1	0.0	0.1	0
E916	Accident caused by fire and explosion of combustible material	5,982	2,682	1,879	762	560	4.0	4.0	2.8	9.9	8.5
E917	Accident caused by hot substance, corrosive liquid, and steam	944	426	289	135	94	0.6	0.6	0.4	1.8	1.2
E918	Accident caused by radiation	6	5	-	-	-	0.0	0.0	0.0	0	0
E919	Accident caused by firearm	2,326	1,704	201	339	82	1.6	2.6	0.3	4.4	1.0
E920	Foreign body entering eye and adnexa	2	1	-	-	-	0.0	0.0	0	0.0	0
E921	Inhalation and ingestion of food causing obstruction or suffocation	1,072	563	340	92	77	0.7	0.9	0.5	1.2	1.0
E922	Inhalation and ingestion of other object causing obstruction or suffocation	289	139	76	36	18	0.2	0.2	0.1	0.5	0.2
E923	Foreign body entering other orifice	161	99	38	14	10	0.1	0.1	0.1	0.2	0.1
E924	Accidental mechanical suffocation in bed and cradle	1,413	645	439	178	151	1.0	1.0	0.7	2.3	1.9
E925	Accidental mechanical suffocation in other and unspecified circumstances	459	263	97	67	32	0.3	0.4	0.1	0.9	0.4
E926	Lack of care of infants under 1 year of age	43	14	8	12	9	0.0	0.0	0.0	0.2	0.1
E927	Accidents caused by bites and stings of venomous animals and insects	47	31	10	4	2	0.0	0.0	0.0	0.1	0.0
E928	Other accidents caused by animals	293	234	33	26	-	0.2	0.4	0.0	0.3	0
E929	Accidental drowning and submersion	5,330	3,802	724	748	56	3.6	5.8	1.1	9.7	0.7
E930	High and low air pressure	3	3	-	-	-	0.0	0.0	0	0	0
E931	Excessive heat and insolation	488	307	93	64	24	0.3	0.5	0.1	0.8	0.3
E932	Excessive cold	185	123	23	30	10	0.1	0.2	0.0	0.4	0.1
E933	Hunger, thirst, and exposure	182	97	37	31	17	0.1	0.1	0.1	0.4	0.2
E934	Cataclysm	314	146	114	23	31	0.2	0.2	0.2	0.3	0.4
E935	Lightning	249	147	37	44	21	0.2	0.2	0.1	0.6	0.3
E936	Other and unspecified accidents	1,641	1,055	317	201	68	1.1	1.6	0.5	2.6	0.8

SUMMARY AND RATE TABLES

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**TABLE XIII.—DEATHS AND CRUDE DEATH RATES FOR EACH CAUSE, BY RACE AND SEX:
UNITED STATES, 1949—Continued**

(See headnote on p. 19)

SIXTH REVISION OF INTERNATIONAL LISTS, 1948		NUMBER					RATE				
Number	Cause of death	Total	White		Nonwhite		Total	White		Nonwhite	
			Male	Female	Male	Female		Male	Female	Male	Female
XVII.—Accidents, poisonings, and violence—Continued											
Complications due to nontherapeutic medical and surgical procedures (E940-E946)											
E941	Postvaccinal encephalitis-----	8	5	2	--	1	0.0	0.0	0.0	0	0.0
E942	Other complications of smallpox vaccination-----	4	1	3	--	--	0.0	0.0	0.0	0	0
E944	Other complications of prophylactic inoculation-----	15	11	3	--	1	0.0	0.0	0.0	0	0.0
E945	Complications of anesthesia for nontherapeutic purpose-----	8	3	3	1	1	0.0	0.0	0.0	0.0	0.0
E946	Other complications due to nontherapeutic medical and surgical procedures-----	24	11	6	4	3	0.0	0.0	0.0	0.1	0.0
Therapeutic misadventure and late complications of therapeutic procedures (E950-E959)											
E950	Therapeutic misadventure in surgical treatment-----	20	10	6	3	1	0.0	0.0	0.0	0.0	0.0
E951	Therapeutic misadventure in infusion or transfusion-----	51	22	25	--	4	0.0	0.0	0.0	0	0.0
E952	Therapeutic misadventure in local applications-----	3	1	1	--	1	0.0	0.0	0.0	0	0.0
E953	Therapeutic misadventure in administration of drugs or biologicals-----	39	20	13	3	3	0.0	0.0	0.0	0.0	0.0
E954	Therapeutic misadventure in anesthesia-----	43	23	12	4	4	0.0	0.0	0.0	0.1	0.0
E955	Other and unspecified therapeutic misadventure-----	9	2	5	1	1	0.0	0.0	0.0	0.0	0.0
E956	Late complication of surgical operation-----	4	1	2	1	--	0.0	0.0	0.0	0.0	0.0
E957	Late complication of amputation stump-----	4	2	1	--	1	0.0	0.0	0.0	0	0.0
Late effects of injury and poisoning (E960-E965)											
E960	Late effect of motor-vehicle accident-----	56	32	17	5	2	0.0	0.0	0.0	0.1	0.0
E961	Late effect of accidental poisoning-----	13	9	3	--	1	0.0	0.0	0.0	0	0.0
E962	Late effect of other accidental injury-----	526	260	202	43	21	0.4	0.4	0.3	0.6	0.3
E963	Late effect of self-inflicted injury-----	1	1	--	--	--	0.0	0.0	0	0	0
E964	Late effect of injury purposely inflicted by another person (not in war)-----	11	7	1	3	--	0.0	0.0	0.0	0.0	0
E965	Late effects of injuries due to war operations-----	16	14	1	--	1	0.0	0.0	0.0	0	0.0
Suicide and self-inflicted injury (E970-E979)											
E970	Suicide and self-inflicted poisoning by analgesic and soporific substances-----	905	546	446	9	4	0.5	0.5	0.7	0.1	0.0
A	Suicide by morphine and other opium derivatives-----	14	6	8	--	--	0.0	0.0	0.0	0	0
B	Suicide by barbituric acid and derivatives-----	674	297	375	8	4	0.5	0.4	0.6	0.1	0.0
C	Suicide by acetylsalicylic acid-----	5	3	2	--	--	0.0	0.0	0.0	0	0
D	Suicide by methyl salicylate-----	5	3	1	1	--	0.0	0.0	0.0	0.0	0
E	Suicide by other salicylates-----	4	1	3	--	--	0.0	0.0	0.0	0	0
F	Suicide by bromides-----	2	2	--	--	--	0.0	0.0	0	0	0
H	Suicide by other analgesic and soporific substances-----	99	37	52	--	--	0.1	0.1	0.1	0	0
M	Suicide by unspecified drugs-----	12	7	5	--	--	0.0	0.0	0.0	0	0
E971	Suicide and self-inflicted poisoning by other solid and liquid substances-----	1,044	564	426	34	20	0.7	0.9	0.6	0.4	0.2
A	Suicide by poisoning with strychnine-----	117	61	56	--	--	0.1	0.1	0.1	0	0
B	Suicide by phenol compounds-----	101	75	25	2	1	0.1	0.1	0.0	0.0	0.0
C	Suicide by lye and potash-----	74	35	29	7	5	0.0	0.0	0.0	0.1	0.1
D	Suicide by cresol compounds-----	28	4	20	4	--	0.0	0.0	0.0	0.1	0
E	Suicide by mercury and its compounds-----	67	20	43	--	4	0.0	0.0	0.1	0	0.0
F	Suicide by arsenic and its compounds-----	123	65	51	6	1	0.1	0.1	0.1	0.1	0.0
G	Suicide by fluorides-----	69	21	42	2	4	0.0	0.0	0.1	0.0	0.0
K	Suicide by other and unspecified solid and liquid substances-----	485	287	180	13	5	0.3	0.4	0.3	0.2	0.1
E972	Suicide and self-inflicted poisoning by gases in domestic use-----	1,118	605	485	17	11	0.8	0.9	0.7	0.2	0.1
E973	Suicide and self-inflicted poisoning by other gases-----	867	749	115	3	--	0.6	1.1	0.2	0.0	0
A	Suicide by motor-vehicle exhaust gas-----	732	647	82	3	--	0.5	1.0	0.1	0.0	0
B	Suicide by other motor exhaust gas-----	4	3	1	--	--	0.0	0.0	0.0	0	0
C	Suicide by other carbon monoxide-----	88	71	17	--	--	0.1	0.1	0.0	0	0
D	Suicide by other poisonous gases-----	43	28	15	--	--	0.0	0.0	0.0	0	0
E974	Suicide and self-inflicted injury by hanging and strangulation-----	3,641	2,751	785	88	19	2.5	4.2	1.2	1.1	0.2
E975	Suicide and self-inflicted injury by submersion (drowning)-----	766	446	295	43	12	0.5	0.7	0.4	0.6	0.1
E976	Suicide and self-inflicted injury by firearms and explosives-----	7,215	6,154	741	287	33	4.9	9.3	1.1	3.7	0.4
E977	Suicide and self-inflicted injury by cutting and piercing instruments-----	634	493	109	25	7	0.4	0.7	0.2	0.3	0.1
E978	Suicide and self-inflicted injury by jumping from high place-----	553	336	183	22	12	0.4	0.5	0.3	0.3	0.1
E979	Suicide and self-inflicted injury by other and unspecified means-----	347	221	109	13	4	0.2	0.3	0.2	0.2	0.0
Homicide and injury purposely inflicted by other persons (not in war) (E980-E985)											
E980	Nonaccidental poisoning by another person-----	44	22	15	4	3	0.0	0.0	0.0	0.1	0.0
E981	Assault by firearms and explosives-----	4,235	1,460	541	1,768	446	2.9	2.2	0.8	23.3	5.5
E982	Assault by cutting and piercing instruments-----	1,869	588	98	1,093	290	1.3	0.6	0.1	14.2	3.6
E983	Assault by other means-----	1,479	674	289	382	164	1.0	1.0	0.4	5.0	2.0
E984	Injury by intervention of police-----	277	128	--	147	2	0.2	0.2	0	1.9	0.0
E985	Execution-----	119	50	--	68	--	0.1	0.1	0	0.9	0

VITAL STATISTICS OF THE UNITED STATES

TABLE XIV—CRUDE DEATH RATES FOR 32 SELECTED CAUSES:

(Exclusive of fetal deaths. Rates per

YEAR	Total	Tuber- culo- sis, all forms	Syph- illis and its seque- lae ¹	Ty- phoid fever ²	Dysen- tery, all forms	Diph- ther- ia	Whoop- ing cough	Menin- gococ- cal infec- tions	Acute polio- mye- litis	Meas- les	All other infective and para- sitic diseases	Malignant neoplasms, including neoplasms of lym- phatic and hemato- poietic tissues	Dia- betes mel- litus	Menin- gitis, except menin- gococ- cal and tuber- culous	Major cardio- vascu- lar diseases	Disease of cardio- vascu- lar system
		001- 019	020- 029	040	045- 048	055	056	057	080	085	050-059, 041-044, 049-054, 058-074, 081-084, 086-138	140-205	250	340	330-334, 400-468, 592-594	330-334, 400-468
1 1949	971.7	26.3	5.8	0.1	1.0	0.4	0.5	0.6	1.8	0.6	3.1	136.9	16.8	1.4	502.5	485.0
CATEGORY NUMBERS: SLKPH REVISION																
CATEGORY NUMBERS: FLFPH REVISION																
2 1949 ³	971.7	27.4	7.8	...	0.9	0.4	0.5	0.6	1.9	0.7	4.0	137.3	29.7	1.2	485.5	434.2
3 1948 ⁴	889.0	30.0	8.0	0.1	0.7	0.4	0.8	0.6	1.3	0.6	4.4	134.9	26.5	1.3	486.2	436.6
4 1947 ⁵	1,008.1	33.5	8.8	0.2	0.6	0.6	1.4	0.6	0.4	0.3	4.6	132.4	26.2	1.4	491.3	436.7
5 1946 ⁶	997.6	36.4	9.3	0.2	0.7	0.9	0.9	0.9	1.3	0.9	5.3	130.1	24.8	1.4	477.3	420.6
6 1945 ⁷	1,080.8	40.0	10.6	0.4	1.2	1.2	1.3	1.3	0.9	0.2	6.3	134.5	26.6	1.5	509.5	445.0
7 1944 ⁸	1,064.2	41.3	11.2	0.4	1.4	0.9	1.4	2.1	1.0	1.4	6.6	129.1	26.4	1.9	501.4	434.5
8 1943 ⁹	1,089.4	42.6	12.1	0.5	1.4	0.9	2.5	2.2	0.9	1.0	7.2	124.5	27.1	1.9	511.8	440.0
9 1942 ¹⁰	1,035.6	43.1	12.2	0.5	1.4	1.0	1.9	0.7	0.4	1.0	7.4	122.2	25.4	1.7	480.1	409.9
10 1941 ¹⁰	1,050.4	44.5	13.3	0.8	1.8	1.0	2.0	0.5	0.6	1.7	8.0	120.2	25.5	1.6	475.5	402.7
11 1940 ¹⁰	1,074.2	45.8	14.4	1.0	1.9	1.1	2.2	0.5	0.8	0.5	8.7	120.0	26.5	1.7	464.7	405.8
12 1939	1,060.4	47.1	15.0	1.5	1.9	1.5	2.3	0.7	0.6	0.9	9.8	117.5	25.5	1.6	466.3	386.0
13 1938	1,064.0	49.1	15.9	1.8	2.3	2.0	3.7	0.8	0.4	2.5	---	114.9	23.9	1.9	451.8	377.1
14 1937	1,125.9	53.8	16.1	2.1	2.5	2.0	3.9	1.7	1.1	1.2	---	112.4	23.7	2.1	454.6	377.9
15 1936	1,155.2	55.9	16.2	2.4	2.4	2.4	2.1	2.4	0.6	1.0	---	111.4	23.7	2.3	461.1	380.9
16 1935	1,094.5	55.1	15.4	2.7	1.9	3.1	3.7	2.1	0.8	3.1	---	108.2	22.3	2.2	431.2	355.4
17 1934	1,105.4	58.7	15.9	3.3	2.7	3.3	5.9	1.0	0.7	5.5	---	106.4	22.2	1.9	430.0	349.2
18 1933	1,069.7	59.6	15.1	3.5	2.2	3.9	3.6	1.2	0.6	2.2	---	102.3	21.4	1.9	413.6	334.3
19 1932	1,087.7	62.5	15.4	3.6	1.7	4.4	4.5	1.4	0.7	1.6	---	102.3	22.0	2.0	418.2	334.4
20 1931	1,106.5	67.8	15.4	4.4	2.0	4.8	3.9	2.4	1.8	3.0	---	99.0	20.4	2.3	407.1	325.5
21 1930	1,132.1	71.1	15.7	4.7	2.8	4.9	4.8	3.6	1.2	3.2	---	97.4	19.1	2.6	414.4	327.8
22 1929	1,187.8	75.3	15.6	4.1	2.4	6.5	6.2	4.5	0.7	2.5	---	95.8	18.8	3.1	418.9	332.4
23 1928	1,198.6	78.3	16.4	4.8	2.8	7.2	5.4	2.6	1.2	5.2	---	95.7	19.0	2.8	419.1	338.9
24 1927	1,131.5	78.6	16.4	5.3	2.4	7.7	6.8	1.6	1.8	4.1	---	95.2	17.4	2.8	399.3	311.3
25 1926	1,211.0	85.5	17.1	6.3	2.7	7.4	8.8	1.3	0.8	8.3	---	94.6	17.9	3.0	410.6	318.3
26 1925	1,168.1	84.8	17.3	7.8	3.1	7.8	6.7	1.0	1.5	2.3	---	92.0	16.8	3.3	391.5	301.8
27 1924	1,159.0	87.9	17.8	6.5	2.9	9.3	8.1	0.9	1.1	8.2	---	90.4	16.4	3.3	383.4	301.5
28 1923	1,213.0	91.7	17.9	6.6	3.1	12.0	9.6	1.0	0.9	10.7	---	89.4	17.7	3.7	380.9	297.9
29 1922	1,169.3	95.3	18.0	7.3	2.9	14.8	5.5	0.9	0.8	4.3	---	86.2	18.3	3.6	366.6	284.9
30 1921	1,149.8	97.6	17.5	8.8	3.9	17.7	9.1	1.4	1.8	4.2	---	85.5	16.7	4.1	351.2	275.1
31 1920	1,298.9	113.1	16.5	7.6	4.0	15.3	12.5	1.6	0.9	8.8	---	83.4	16.1	4.4	364.9	282.5
32 1919	1,289.4	125.6	16.2	9.2	4.3	14.9	5.6	1.8	0.9	3.9	---	81.0	15.0	4.6	348.6	266.6
33 1918	1,810.0	149.8	18.7	12.3	5.6	14.0	17.0	3.4	1.2	10.8	---	80.8	16.1	6.5	387.0	296.6
34 1917	1,397.1	143.5	18.1	13.3	5.9	15.6	10.5	3.8	1.4	14.1	---	80.8	16.9	5.1	396.4	299.4
35 1916	1,391.1	138.4	18.6	13.2	4.9	13.9	10.5	2.1	10.5	11.4	---	81.0	16.9	4.9	389.4	294.3
36 1915	1,317.6	140.1	17.7	11.8	3.4	15.2	8.2	1.4	1.0	5.2	---	80.7	17.6	6.0	383.5	290.5
37 1914	1,330.2	141.7	16.7	14.7	4.3	17.2	10.2	1.7	1.1	6.8	---	78.7	16.2	7.1	374.5	283.6
38 1913	1,390.6	143.5	16.2	17.5	4.8	18.1	10.1	1.5	1.4	12.8	---	78.5	15.4	8.5	370.6	280.8
39 1912	1,358.7	145.4	15.1	16.1	3.9	17.6	9.2	2.0	2.0	7.2	---	77.0	15.1	8.9	375.7	286.0
40 1911	1,390.6	155.1	15.3	20.1	4.7	18.4	11.0	0.8	1.8	9.9	---	74.2	15.1	11.2	366.5	281.9
41 1910	1,468.0	183.8	13.6	22.5	6.0	21.1	11.6	0.3	2.9	12.4	---	76.2	15.3	13.6	371.9	287.2
42 1909	1,424.7	156.3	12.9	20.2	5.4	19.9	10.0	0.3	---	10.0	---	74.0	14.1	15.0	362.0	279.1
43 1908	1,468.2	162.1	12.4	23.4	6.1	21.9	10.7	---	---	10.6	---	71.5	13.8	---	356.7	275.6
44 1907	1,592.5	174.2	12.4	28.2	6.1	24.2	11.3	---	---	9.6	---	71.4	14.2	---	389.8	299.2
45 1906	1,571.8	175.8	14.1	30.9	8.0	26.3	16.1	---	---	12.9	---	69.3	13.4	---	364.3	278.0
46 1905	1,598.9	179.9	13.8	22.4	8.3	23.5	8.9	---	---	7.4	---	73.4	14.1	---	384.0	293.3
47 1904	1,640.0	186.1	13.9	23.9	8.1	29.3	5.8	---	---	11.3	---	71.5	14.2	---	388.8	297.0
48 1903	1,562.8	177.2	13.2	24.6	7.3	31.1	14.3	---	---	8.8	---	70.0	12.7	---	364.4	278.3
49 1902	1,548.1	174.2	12.9	26.4	10.1	29.8	12.4	---	---	9.3	---	68.3	11.7	---	349.8	269.2
50 1901	1,641.5	189.9	12.5	27.8	11.1	33.5	8.7	---	---	7.4	---	68.4	11.6	---	347.7	266.4
51 1900	1,719.1	194.4	12.0	31.3	12.0	40.3	12.2	---	---	13.3	---	64.0	11.0	---	345.2	264.3

¹Excludes aneurysm for 1900-1920. Includes aneurysm (except of heart) for 1921-38; aneurysm of the aorta for 1939-49.

²Includes paratyphoid fever for 1900-1920, which was not separately classified.

³Includes all embolism and thrombosis, except puerperal for 1900-1920.

⁴Excludes diseases of coronary arteries for 1900-1929.

⁵Includes capillary bronchitis for 1921-49.

⁶Excludes automobile collisions with trains and streetcars, and motorcycle accidents for 1906-25.

SUMMARY AND RATE TABLES

UNITED STATES OR DEATH-REGISTRATION STATES, 1900-1949

(100,000 estimated midyear population)

Vascular lesions affecting central nervous system ³	Rheumatic fever	Diseases of heart ⁴	Hypertension without mention of heart and general arterio-sclerosis	Other diseases of circulatory system	Chronic and unspecified nephritis and other renal sclerosis	Influenza and pneumonia, except pneumonia of newborn ⁵	Ulcer of stomach and duodenum	Gastritis, duodenitis, and colitis, except diarrhoea of newborn	Cirrhosis of liver	Acute nephritis and nephritis with edema, including neurophrosia	Deliveries and complications of pregnancy, childbirth, and the puerperium	Congenital malformations	Symptoms, semility, and ill-defined conditions	Motor-vehicle accidents ⁶	All other accidents ⁷	Suicide	Homicide ⁸	All other causes
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OF THE INTERNATIONAL LISTS, 1948

330-334	400-402	410-443	444-450	451-466	592-594	480-493	540, 541	543, 571, 572	581	590, 591	640-689	750-759	780-795	E810-E835	E800-E802, E840-E862	E963, E970-E979	E964, E980-E985	Residual
100.9	1.6	349.1	28.7	4.7	17.5	30.0	5.3	6.7	9.2	2.4	2.2	12.7	15.8	21.3	39.3	11.4	5.4	110.0

OF THE INTERNATIONAL LIST, 1938

83	58	90-95	97,102	98,98-101,103	131,132	33,107-109	117	119,120	124	130	140-150	157	162, 199, 200	170	169, 171-176, 178-195	163, 164	165-168, 198	All other diseases
89.0	0.6	321.1	19.2	4.3	49.3	34.3	6.1	6.8	11.3	1.4	2.4	13.0	15.9	21.3	42.4	11.4	5.4	104.2
89.7	0.6	322.8	18.9	4.6	51.5	38.7	6.0	6.0	11.3	1.5	2.6	13.2	16.7	22.1	44.8	11.2	5.9	109.0
91.4	0.7	321.2	19.0	4.4	54.5	43.1	6.0	5.6	10.4	1.5	3.5	14.2	19.2	22.8	46.4	11.5	6.1	115.5
89.8	0.8	306.8	19.1	4.1	56.7	44.6	5.8	5.8	9.6	1.7	3.7	12.7	19.7	23.9	45.9	11.5	6.4	115.8
97.7	1.0	321.1	21.1	4.1	64.5	51.8	6.8	8.7	9.5	2.2	4.3	12.3	21.9	21.2	53.1	11.2	5.7	119.9
93.7	1.1	315.2	20.6	3.9	66.9	61.7	6.6	9.9	8.7	2.2	4.6	12.6	22.2	18.3	53.0	10.0	5.0	122.6
95.0	1.1	318.3	21.7	4.0	71.8	67.3	7.0	9.6	9.4	2.3	5.4	12.5	23.3	17.8	55.8	10.2	5.1	127.3
90.2	1.1	295.3	19.5	3.8	70.2	55.7	6.9	8.8	9.4	2.3	5.4	11.9	22.3	21.2	50.2	12.0	5.9	124.6
89.1	1.2	290.2	18.4	3.7	72.9	63.9	6.7	10.5	8.9	2.3	6.0	10.5	22.3	30.0	45.9	12.9	6.0	126.7
90.8	1.3	292.0	18.3	3.5	78.9	70.1	6.8	10.3	8.6	2.5	6.7	10.0	23.7	26.1	46.9	14.3	6.3	132.0
87.8	1.3	275.5	17.9	3.3	80.4	75.7	6.8	11.6	8.3	2.5	7.0	9.5	22.3	24.7	45.6	14.1	6.5	133.4
85.9	1.6	269.7	17.1	2.8	74.7	80.4	6.5	14.3	8.3	2.9	7.7	9.3	22.3	25.1	46.7	15.3	6.9	147.6
86.7	1.5	268.9	17.9	2.8	76.7	114.9	6.8	14.7	8.5	3.1	8.4	9.2	23.7	30.8	50.4	15.0	7.7	155.7
91.0	1.7	266.6	18.7	3.0	80.2	119.6	6.7	16.4	8.3	3.2	9.5	9.4	25.4	29.7	55.7	14.3	8.1	165.0
85.7	1.8	245.4	17.5	2.9	77.8	104.2	6.6	14.1	7.9	3.5	9.9	9.3	24.0	28.6	49.3	14.3	8.5	162.6
85.5	1.8	240.3	18.5	3.0	80.8	96.9	6.1	18.4	7.7	3.6	10.2	10.0	25.2	28.6	50.8	14.9	9.7	168.1
84.1	2.0	228.0	17.3	2.9	79.3	95.7	6.0	17.3	7.4	3.8	10.3	9.6	26.6	25.0	46.9	15.9	9.8	165.4
87.5	2.2	224.1	17.6	3.0	83.8	107.3	6.0	16.1	7.2	3.6	11.0	10.3	25.8	23.6	47.2	17.4	9.1	162.9
86.8	2.2	213.4	18.1	3.0	83.6	107.5	6.1	20.5	7.4	3.9	11.9	11.0	27.1	27.1	50.7	16.8	9.3	173.1
89.0	2.5	214.2	19.0	3.1	86.7	102.5	6.2	26.0	7.2	4.3	12.7	11.2	30.4	26.7	53.1	15.6	8.9	181.7
90.8	2.5	211.2	27.9	3.1	86.5	146.5	6.4	23.3	7.2	4.6	13.1	11.4	31.0	25.5	54.2	13.9	8.4	187.9
92.0	2.5	207.7	26.7	3.1	90.1	142.5	6.4	26.4	7.5	4.8	13.6	11.8	31.6	23.2	54.9	13.5	8.7	193.2
88.1	2.6	195.3	25.4	3.1	87.0	102.2	6.3	27.1	7.4	4.7	13.5	12.5	27.6	21.6	55.5	13.2	8.5	192.2
91.3	2.7	198.6	25.7	3.1	92.3	141.7	6.0	32.9	7.2	5.0	14.1	13.3	28.8	19.9	57.3	12.6	8.5	199.4
89.5	2.7	184.8	24.9	3.0	89.7	121.7	5.9	38.6	7.2	5.4	14.5	13.7	28.8	16.8	59.7	12.0	8.4	199.6
97.2	3.3	175.7	25.4	3.0	81.9	115.2	5.5	33.7	7.3	5.9	15.1	14.0	29.4	15.3	58.5	11.9	8.2	202.8
95.7	3.0	174.0	25.2	3.0	83.0	151.7	5.2	39.1	7.1	6.0	15.3	14.3	30.1	14.6	59.7	11.5	7.9	206.2
92.1	3.2	165.0	24.7	3.0	81.7	132.3	5.0	38.9	7.4	6.0	15.6	14.4	30.2	12.4	58.9	11.7	8.1	206.9
89.2	3.7	156.2	24.1	3.0	78.0	98.7	4.8	50.7	7.3	6.3	16.6	15.5	27.9	11.3	55.5	12.4	8.1	215.2
93.0	3.8	159.6	26.2	3.1	82.4	207.3	3.6	53.7	7.1	6.3	19.0	15.2	31.8	10.3	59.7	10.2	6.8	218.8
89.9	3.4	147.9	25.5	3.1	81.8	223.0	3.5	55.2	7.9	6.4	18.9	14.5	32.7	9.3	61.8	11.5	7.2	207.9
94.0	3.9	171.6	27.3	3.1	90.2	588.5	3.9	72.2	9.6	7.2	22.3	16.0	34.0	9.3	72.2	12.3	6.5	232.9
95.9	4.5	169.9	29.0	3.1	97.0	164.5	4.3	75.2	10.9	7.9	16.4	15.7	34.2	8.6	77.4	13.0	6.8	235.8
94.7	4.5	187.2	27.9	3.1	95.1	183.3	4.4	75.3	11.8	8.0	15.9	15.9	32.9	7.1	74.5	13.7	6.3	236.9
94.5	4.8	183.9	27.3	3.1	93.0	145.9	4.2	87.5	12.1	8.5	14.7	14.9	29.0	5.8	67.7	12.7	5.9	233.3
93.6	5.3	158.2	26.8	3.1	90.7	132.4	4.0	75.1	12.5	8.5	15.3	15.7	31.3	4.2	72.5	13.1	6.2	245.4
91.1	5.7	154.6	29.4	3.1	89.8	140.8	3.8	86.7	12.9	9.9	15.4	14.9	35.9	3.8	79.9	15.4	6.1	256.1
91.9	5.3	158.7	30.2	3.1	89.6	138.4	3.8	79.6	13.1	10.0	14.4	14.6	34.8	2.8	78.0	15.6	5.4	254.1
91.8	5.9	156.4	27.9	3.1	84.7	145.4	3.5	86.8	15.6	9.6	15.5	14.5	35.1	2.1	81.5	16.0	5.8	257.1
96.8	6.2	168.9	28.4	3.1	84.6	166.9	4.0	116.4	13.3	10.2	16.3	15.2	47.5	1.8	82.4	16.3	4.8	265.8
95.5	4.9	153.0	25.8	3.1	82.9	148.1	3.4	101.8	13.4	9.6	15.1	15.7	50.3	1.2	77.5	16.0	4.2	268.4
95.6	5.3	152.0	22.8	3.1	81.1	150.8	3.2	112.5	13.5	9.9	15.6	15.7	58.0	0.8	82.1	16.8	4.8	265.2
104.5	5.5	166.6	22.6	3.1	90.5	180.0	3.2	115.0	14.8	10.3	15.6	16.1	64.0	0.7	94.1	14.5	4.9	317.6
98.6	5.6	154.2	19.6	3.1	86.2	156.3	3.3	123.6	14.1	9.7	15.2	16.0	71.3	0.4	94.0	12.8	3.9	320.4
105.9	5.8	181.9	19.7	3.1	90.8	169.3	3.0	118.4	14.0	10.6	14.8	14.0	75.5	---	81.3	13.5	2.1	336.6
108.6	6.4	165.7	18.3	3.1	91.8	192.1	3.0	111.5	13.9	10.7	15.1	14.0	79.8	---	85.4	12.2	1.3	346.1
105.2	4.7	151.8	16.5	3.1	86.1	169.3	2.7	100.3	13.5	10.1	13.3	12.9	82.3	---	81.4	11.3	1.1	341.0
103.9	4.3	145.4	15.5	3.1	80.7	161.3	3.0	104.9	13.0	9.9	12.8	11.9	91.8	---	72.5	10.3	1.2	352.7
106.9	4.9	140.0	14.6	3.1	81.3	197.2	2.8	116.5	13.1	8.6	13.4	12.0	100.3	---	83.8	10.4	1.2	384.0
106.9	5.3	137.4	14.7	3.1	81.0	202.2	2.7	142.7	12.5	7.7	13.4	12.0	117.5	---	72.3	10.2	1.2	388.9

¹Includes legal executions for 1900-1921, and food poisoning for 1900-1908.

²Includes legal executions for 1900-1921.

³Estimated by dividing the number of deaths according to the Sixth Revision by the comparability ratio. See page XIV, and table G.

⁴Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

NOTE.—Death-registration States increased in number from 10 States and the District of Columbia in 1900 to the entire continental United States in 1933.

VITAL STATISTICS OF THE UNITED STATES

TABLE XV.—CRUDE DEATH RATES FOR 32 SELECTED CAUSES, BY PLACE

(Exclusive of fetal deaths and of deaths among armed forces overseas. Rates per 100,000 estimated total midyear population)

AREA	Total	Tuber- culo- sis, all forms	Syph- illis and its seque- lae	Ty- phoid fever	Dysen- tery, all forms	Diph- theria	Whoop- ing cough	Menin- gococ- cal infec- tions	Acute polio- mye- litis	Meas- les	All other infective and para- sitic diseases	Malignant neoplasms, including neoplasms of lym- phatic and hemato- poietic tissues	Diab- etes mel- litus	Menin- gitis, except menin- gococ- cal and tuber- culous	Major cardio- vascular- renal diseases	Diseases of cardio- vascular system
		001- 019	020- 029	040	045- 048	055	056	057	080	085	030-039, 041-044, 049-054, 058-074, 081-084, 086-138	140-205	280	340	330-334, 400-468, 592-594	530-534, 400-468
1 UNITED STATES-----	971.7	26.3	5.8	0.1	1.0	0.4	0.5	0.6	1.8	0.6	3.1	138.9	16.9	1.4	502.5	485.0
GEOGRAPHIC DIVISIONS																
2 New England-----	1,047.0	22.1	5.7	0.1	0.1	0.5	0.2	0.5	1.2	0.5	2.2	174.5	21.6	1.0	586.2	571.3
3 Middle Atlantic-----	1,039.5	27.8	5.0	0.0	0.2	0.1	0.3	0.5	1.7	0.3	2.4	187.3	20.1	1.3	574.9	560.7
4 East North Central-----	1,007.4	23.7	6.1	0.0	0.3	0.2	0.3	0.6	2.5	0.3	2.7	151.8	23.3	1.2	554.3	536.1
5 West North Central-----	1,020.3	16.2	5.1	0.1	0.4	0.3	0.3	0.6	3.5	0.5	3.0	149.4	17.7	1.1	546.6	527.2
6 South Atlantic-----	989.2	29.4	7.0	0.2	1.0	0.5	0.8	0.8	0.5	1.0	3.9	104.8	15.0	1.8	438.9	418.1
7 East South Central-----	931.9	35.9	5.8	0.3	2.3	1.0	1.5	0.8	1.0	1.5	4.2	101.5	10.8	2.0	422.9	398.9
8 West South Central-----	953.9	30.8	6.8	0.3	4.5	0.7	0.6	0.5	2.4	1.1	4.5	106.4	11.6	1.9	378.7	359.7
9 Mountain-----	904.2	28.0	5.0	0.2	1.8	0.5	0.6	0.6	2.5	1.1	3.9	107.8	11.5	1.8	392.5	377.4
10 Pacific-----	951.9	24.1	6.3	0.3	0.4	0.4	0.3	0.6	1.4	0.3	2.5	140.5	10.2	1.3	501.8	489.8
NEW ENGLAND																
11 Maine-----	1,117.1	20.9	3.4	0	0	0	1.0	1.0	1.1	1.3	5.0	186.7	19.1	1.3	608.1	587.6
12 New Hampshire-----	1,168.1	15.2	4.4	0.4	0	0.2	0	0.4	1.7	0.8	1.7	182.2	23.3	1.1	655.9	644.7
13 Vermont-----	1,134.1	26.7	3.8	0	0.3	0	0	0.3	1.4	1.6	1.6	188.9	22.3	2.5	627.2	610.6
14 Massachusetts-----	1,063.9	23.6	3.2	0.1	0.1	0.9	0.1	0.4	1.1	0.3	2.2	176.1	20.2	1.1	605.5	591.7
15 Rhode Island-----	1,020.4	21.2	6.3	0	0	0	0.3	0.5	0.1	0.4	2.1	177.6	38.7	0.4	556.4	537.5
16 Connecticut-----	958.6	20.8	3.9	0.0	0.1	0.1	0.1	0.5	1.5	0.5	2.2	170.9	19.3	0.8	514.2	502.8
MIDDLE ATLANTIC																
17 New York-----	1,051.3	29.6	5.1	0.0	0.2	0.1	0.2	0.8	2.2	0.3	2.1	175.4	19.8	1.3	581.0	568.0
18 New Jersey-----	1,000.0	26.7	5.1	0.0	0.1	0.1	0.1	0.4	2.5	0.2	2.5	173.9	20.9	1.0	550.2	535.2
19 Pennsylvania-----	1,041.0	25.8	4.7	0.0	0.2	0.1	0.4	0.6	0.7	0.5	2.7	152.7	20.2	1.5	577.7	562.1
EAST NORTH CENTRAL																
20 Ohio-----	1,005.2	24.8	7.0	0.1	0.2	0.2	0.4	0.7	1.3	0.2	2.8	147.5	22.5	1.0	529.0	514.2
21 Indiana-----	1,027.4	20.6	6.7	0.1	0.4	0.5	0.6	0.7	3.0	0.2	3.4	145.1	18.2	1.3	557.5	538.5
22 Illinois-----	1,075.1	28.8	6.0	0.0	0.3	0.0	0.3	0.6	2.9	0.1	2.4	168.2	26.4	1.1	880.7	860.1
23 Michigan-----	915.8	22.8	6.2	0.0	0.3	0.2	0.3	0.5	3.3	0.5	2.2	137.5	25.7	1.4	458.6	445.1
24 Wisconsin-----	992.0	13.6	3.5	0.0	0.2	0.0	0.1	0.5	2.2	1.0	3.0	154.8	18.9	1.5	542.1	527.9
WEST NORTH CENTRAL																
25 Minnesota-----	950.6	12.9	4.0	0.0	0.2	0.4	0.2	0.7	3.9	0.1	2.4	148.8	17.0	0.8	509.6	500.2
26 Iowa-----	1,023.4	9.6	4.9	0	0.4	0.0	0.2	0.6	3.4	0.2	5.1	150.4	16.3	0.7	571.3	552.8
27 Missouri-----	1,121.7	27.1	7.1	0.2	0.6	0.6	0.6	0.6	3.3	0.7	2.9	158.9	17.7	1.5	600.6	578.1
28 North Dakota-----	885.7	11.5	2.4	0	0.5	0.2	0.2	1.0	3.5	1.2	4.5	120.8	18.4	1.2	435.3	420.4
29 South Dakota-----	920.2	18.0	2.9	0.3	0.3	0.3	0.3	0.3	3.6	0.5	4.0	129.3	20.6	1.0	457.0	444.5
30 Nebraska-----	884.7	12.0	3.7	0	0.2	0.2	0.3	0.1	3.8	0.1	2.9	153.6	18.2	1.1	511.9	498.9
31 Kansas-----	1,009.9	11.2	5.3	0.1	0.3	0.1	0	0.5	3.3	1.0	3.7	141.7	19.1	1.6	546.2	524.3
SOUTH ATLANTIC																
32 Delaware-----	1,043.9	35.4	8.5	0	0.3	0.6	0	1.6	0.3	0	3.8	141.4	26.0	1.9	563.3	537.9
33 Maryland-----	945.3	39.4	8.0	0	0.3	0.3	0.2	0.5	0.6	0.7	2.7	137.0	18.3	1.8	501.8	486.6
34 District of Columbia-----	1,006.9	52.2	9.9	0.1	0	0.8	0	0.5	0.5	0	3.0	154.0	14.2	2.5	507.5	492.8
35 Virginia-----	890.1	29.6	7.0	0.2	1.4	0.4	1.0	1.2	0.5	1.3	3.4	100.9	11.8	1.6	449.4	428.7
36 West Virginia-----	892.9	27.3	6.8	0.3	1.6	0.4	2.0	1.8	0.8	0.4	3.8	104.6	15.5	2.0	403.3	384.9
37 North Carolina-----	786.2	24.6	4.9	0.1	0.9	0.6	0.9	0.8	0.3	2.3	3.2	82.7	10.2	1.1	384.5	364.9
38 South Carolina-----	873.0	25.1	7.3	0.3	0.7	1.0	1.5	0.5	0.4	0.8	3.8	84.5	12.4	2.1	422.6	401.9
39 Georgia-----	881.2	28.1	7.2	0.4	1.4	0.6	0.7	0.5	0.3	0.9	4.9	95.4	11.0	2.3	428.6	401.0
40 Florida-----	947.2	25.6	7.6	0.2	0.9	0.4	0.2	0.4	0.5	0.3	5.6	121.6	15.3	1.9	465.5	443.7
EAST SOUTH CENTRAL																
41 Kentucky-----	979.9	43.9	5.1	0.5	3.3	0.9	2.4	1.9	1.9	1.3	4.1	110.3	12.2	1.7	469.4	448.4
42 Tennessee-----	987.5	38.0	4.7	0.3	2.1	0.8	1.3	0.7	1.0	1.5	4.3	100.5	9.0	2.0	402.0	381.0
43 Alabama-----	890.5	30.8	6.4	0.1	1.1	0.7	0.8	0.5	0.4	1.7	3.9	95.3	11.0	2.1	402.5	377.7
44 Mississippi-----	995.2	29.1	7.5	0.1	3.1	1.5	1.5	0.4	0.5	1.3	4.6	100.0	11.3	2.4	421.2	389.4
WEST SOUTH CENTRAL																
45 Arkansas-----	854.5	35.3	5.0	0.2	2.2	1.0	0.7	0.4	2.7	1.4	4.9	99.1	10.6	1.7	389.3	365.2
46 Louisiana-----	988.7	29.8	11.4	0.5	1.2	0.5	0.6	0.8	0.2	0.6	4.8	117.0	13.3	2.7	423.4	405.3
47 Oklahoma-----	912.7	24.9	5.6	0.1	1.3	0.3	0.3	0.5	5.1	1.4	4.3	121.3	14.2	1.6	434.1	422.6
48 Texas-----	925.5	31.8	6.0	0.2	7.0	0.6	0.6	0.5	2.4	1.2	4.4	100.4	10.6	1.8	345.5	329.6
MOUNTAIN																
49 Montana-----	1,045.9	19.4	6.2	0.2	0.5	0.5	0.4	0.5	2.3	0.5	3.7	129.7	18.1	0.7	526.3	507.9
50 Idaho-----	821.9	9.8	2.6	0.3	0	0.3	0.9	0.9	2.8	0.9	3.0	105.1	11.7	1.7	405.6	387.9
51 Wyoming-----	864.1	10.5	6.9	0	0	0	0.4	1.1	3.6	0	3.6	101.8	11.2	1.1	380.8	364.5
52 Colorado-----	994.0	19.3	4.6	0.1	0.7	0.2	0.2	1.0	2.9	1.1	4.7	130.8	12.7	1.1	479.7	462.4
53 New Mexico-----	882.3	44.6	6.8	0.6	7.3	0.3	1.9	0.2	3.0	2.5	3.5	84.0	6.8	2.2	245.4	231.3
54 Arizona-----	881.1	72.2	6.7	0.3	3.9	1.7	0.7	1.4	2.1	1.2	5.4	95.9	8.8	2.0	293.3	283.2
55 Utah-----	728.1	8.9	1.6	0	0.3	0.7	0.1	1.0	1.3	0.3	2.7	84.2	10.3	1.0	344.8	333.7
56 Nevada-----	1,012.6	36.5	7.5	0	0	0	0	0	1.5	2.5	1.9	120.8	14.5	1.3	446.5	432.7
PACIFIC																
57 Washington-----	947.8	19.4	5.5	0	0.3	0.1	0.2	0.7	1.5	0.4	2.4	137.6	14.3	1.3	494.7	482.7
58 Oregon-----	950.4	15.1	5.4	0.1	0.7	0.5	0.3	0.5	1.5	0.4	2.3	134.6	12.5	1.4	490.0	477.5
59 California-----	955.8	26.7	6.6	0.0	0.3	0.5	0.3	0.6	1.3	0.3	2.6	142.0	8.9	1.3	505.1	495.2

SUMMARY AND RATE TABLES

OF RESIDENCE: UNITED STATES, EACH DIVISION AND STATE, 1949

present in area. Numbers under causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

Vas- cular lesions af- fecting central nervous system	Rheu- matic fever	Dis- eases of heart	Hyper- tension without men- tion of heart and gen- eral arterio- scler- osis	Other dis- eases of cir- cu- la- tory system	Chronic and un- spec- ified neph- ritis and other renal scler- osis	Influ- enza and pneu- monia, except pneu- monia of newborn	Ulcer of stom- ach and duo- denum	Gastritis, duo- denitis, and colitis, except diarrhea of newborn	Cir- rho- sis of liver	Acute nephri- tis and nephri- tis with edema, includ- ing neph- rosis	Deliveries and compli- cations of pregnancy, childbirth, and the puerperium	Con- geni- tal mal- for- ma- tions	Symp- toms, seni- lity, and ill- de- fined con- di- tions	Motor- ve- hicle acci- dents	All other acci- dents	Suicide	Homi- cide	All other causes	
330-334	400- 402	410-443	444-450	451-468	592-594	480-483	540, 541	543, 571,572	581	580,591	640-689	750-759	780-795	E810- E835	E800- E802, E840- E862	E963, E970- E979	E964, E980- E985	Residual	
100.9	1.6	349.1	28.7	4.7	17.5	30.0	5.5	6.7	9.2	2.4	2.2	12.7	15.8	21.5	39.3	11.4	5.4	110.0	1
111.6	1.2	418.3	35.1	5.2	14.9	24.9	6.5	4.0	10.9	1.8	1.4	12.7	4.8	12.0	39.4	12.0	1.2	101.0	2
96.0	1.9	427.3	30.6	4.9	14.2	27.6	6.3	3.9	12.1	1.8	1.4	11.9	6.4	14.8	36.1	11.3	2.9	101.1	3
106.7	1.3	372.1	31.2	4.7	18.2	25.0	5.6	5.4	9.6	2.2	1.5	13.9	7.8	23.3	39.4	11.8	3.9	109.9	4
124.8	1.6	360.2	35.0	5.6	19.5	30.9	5.1	4.4	7.2	2.4	1.5	13.4	12.6	22.4	45.3	12.0	2.6	115.8	5
99.8	1.8	288.3	25.6	4.4	20.7	32.4	3.9	8.0	6.4	3.3	3.3	12.5	22.3	22.0	36.0	10.0	10.0	112.6	6
103.1	1.8	287.9	22.6	3.5	24.0	42.3	3.7	11.7	5.7	3.6	4.6	12.1	56.6	22.9	37.2	8.1	12.1	119.8	7
82.0	1.2	252.3	20.5	3.8	19.0	34.2	3.4	13.8	5.9	2.9	3.3	11.7	25.9	24.0	41.7	8.4	9.0	118.8	8
75.0	2.7	272.4	22.5	4.8	15.1	36.2	6.1	12.8	6.2	2.6	2.7	15.8	31.5	30.4	50.0	13.3	4.7	134.2	9
96.9	1.0	354.8	31.3	5.8	12.0	27.6	6.6	4.5	14.3	1.8	1.4	12.0	6.3	28.0	37.6	17.0	4.2	100.4	10
135.6	1.4	403.7	41.4	5.5	20.5	34.1	5.3	5.4	7.5	2.7	2.1	15.6	11.1	17.6	47.2	16.0	1.7	125.9	11
126.8	1.3	446.8	64.1	5.7	21.0	29.6	6.1	4.6	8.2	2.3	1.5	16.3	8.2	14.5	40.7	16.5	1.5	122.9	12
128.9	0.8	420.2	54.2	6.5	16.6	33.0	8.7	4.4	7.9	1.6	1.6	12.8	9.8	17.2	41.4	11.2	0.5	127.2	13
115.3	1.3	435.8	34.2	5.2	13.8	26.2	7.3	4.0	11.5	1.8	1.2	12.3	3.1	10.9	40.7	11.4	1.1	97.4	14
92.4	1.0	412.3	28.7	3.2	18.8	14.9	6.7	3.2	11.6	2.0	1.5	11.5	5.7	9.9	39.3	9.2	0.5	100.3	15
92.4	1.1	378.1	25.8	5.4	11.4	19.0	4.9	3.4	12.0	1.2	1.3	12.2	3.8	11.2	32.3	11.8	1.8	89.0	16
91.3	1.9	441.5	26.9	4.3	13.1	28.3	7.1	3.6	14.1	1.3	1.4	12.1	4.7	14.0	37.1	11.3	3.0	95.4	17
97.1	1.5	402.9	29.2	4.6	15.0	22.3	6.3	4.1	11.5	1.8	1.4	10.6	3.3	13.1	30.2	12.7	3.1	95.9	18
102.0	2.1	418.6	33.6	5.9	15.6	28.9	5.0	4.3	9.6	2.5	1.5	12.1	10.1	16.6	37.5	10.7	2.6	111.7	19
116.9	1.4	354.8	35.6	5.5	14.7	26.5	5.3	5.7	10.3	2.2	1.3	13.7	11.1	22.3	39.0	11.9	4.4	114.0	20
124.6	1.6	368.3	39.7	4.1	19.2	28.2	4.9	7.0	7.5	2.5	1.5	13.7	6.7	28.2	41.4	13.5	3.2	110.9	21
94.7	1.0	428.6	27.8	4.3	24.3	24.3	6.7	4.8	11.2	2.4	1.5	12.9	3.8	21.2	40.7	11.7	4.9	109.1	22
93.5	1.2	318.6	24.9	4.9	15.5	26.6	5.5	5.4	8.9	2.2	1.5	15.0	9.2	25.4	36.9	10.4	3.5	105.8	23
117.6	1.5	372.5	31.7	4.6	14.2	23.1	4.7	4.2	7.3	1.4	1.5	14.6	8.8	22.1	39.7	12.6	1.5	109.1	24
120.6	1.6	333.8	37.9	6.2	9.5	27.0	4.4	3.6	6.3	1.6	1.4	14.9	8.5	19.9	41.8	10.7	1.1	107.3	25
136.7	1.1	373.0	36.8	5.3	19.6	28.4	5.3	3.4	5.9	1.3	1.2	14.2	8.5	22.5	42.1	13.4	0.9	115.2	26
123.5	1.7	408.4	32.4	6.1	29.6	39.8	4.8	5.6	10.3	3.7	1.9	12.5	15.1	21.6	47.3	12.2	5.7	119.6	27
101.4	2.1	281.6	31.2	4.1	14.9	27.4	3.6	4.6	4.5	2.4	1.5	15.8	20.9	25.0	48.2	8.7	0.7	131.9	28
118.0	1.9	287.5	33.0	4.0	12.5	26.9	4.9	5.0	4.5	1.5	1.5	11.8	18.9	25.1	49.2	10.0	2.3	120.4	29
121.0	2.1	335.2	32.4	5.2	18.0	28.8	5.8	4.0	7.9	1.6	1.9	13.2	15.8	21.1	48.8	12.6	1.8	115.5	30
130.3	1.4	350.1	36.9	5.5	22.0	25.7	6.3	4.6	4.9	3.0	1.2	11.5	10.9	26.6	46.2	13.2	2.5	119.4	31
86.5	2.5	415.0	30.0	3.8	25.4	28.8	3.8	6.6	7.2	1.9	1.3	12.9	6.6	23.6	35.1	12.9	7.8	112.2	32
82.5	1.4	373.6	25.1	4.1	15.2	23.9	3.9	5.1	9.1	2.4	1.5	13.8	2.5	17.5	36.6	12.3	6.5	99.9	33
85.2	1.1	371.6	27.4	7.5	14.7	26.6	6.0	4.2	18.9	1.9	1.3	12.3	3.6	15.1	40.6	12.4	10.6	111.3	34
103.0	1.9	293.4	25.6	4.8	20.7	33.2	4.1	8.2	5.1	2.6	2.6	12.5	13.2	21.7	58.4	11.3	9.2	118.4	35
89.8	1.4	287.7	22.3	3.8	18.4	36.9	4.7	12.1	7.3	3.1	2.7	15.3	25.6	20.3	52.1	7.5	7.1	125.8	36
96.6	2.7	242.6	19.1	3.9	19.5	32.9	2.7	8.6	3.5	3.0	3.2	13.1	21.0	23.8	32.6	7.4	9.6	107.5	37
106.0	2.1	284.0	26.3	3.4	20.7	38.0	2.7	9.7	4.1	3.7	5.1	10.5	41.9	26.1	37.8	6.6	12.5	111.0	38
116.0	1.5	286.9	22.8	3.8	27.6	36.0	3.8	8.0	5.4	5.7	5.1	11.3	29.1	21.6	35.7	8.8	12.7	115.7	39
104.3	1.5	306.3	28.1	5.8	21.8	28.6	5.0	6.2	9.4	2.9	4.0	11.2	34.5	24.5	36.4	13.2	11.8	113.4	40
108.3	2.0	305.6	31.1	3.4	21.0	48.3	4.7	16.4	7.2	2.9	3.2	14.1	17.7	28.1	44.0	9.9	8.7	121.4	41
104.0	1.7	252.8	19.1	3.4	20.9	41.5	3.4	12.2	5.3	3.2	3.4	12.4	52.4	21.5	31.5	8.7	9.8	114.0	42
99.2	1.8	255.4	19.4	3.9	24.8	40.1	3.1	8.1	8.1	5.4	5.5	11.7	52.0	23.8	35.4	6.5	14.3	124.1	43
102.9	1.4	260.9	21.0	3.1	31.9	41.4	3.5	9.8	4.9	5.6	7.2	9.7	123.7	21.0	39.1	7.1	17.1	120.5	44
87.0	1.4	248.7	25.2	2.9	26.1	44.1	3.7	10.2	5.7	4.0	4.4	10.6	33.6	21.0	43.8	8.3	7.9	103.0	45
82.2	1.1	298.7	19.7	3.6	18.1	38.5	3.2	7.1	5.7	3.1	3.5	13.3	15.8	19.3	38.6	6.6	9.2	118.2	46
107.0	1.2	273.7	26.3	4.4	21.5	30.5	4.1	5.5	5.3	2.7	3.0	11.4	27.6	25.9	44.6	8.4	5.8	122.6	47
75.8	1.1	231.3	18.6	3.9	16.9	31.3	3.1	19.2	6.2	2.7	3.1	11.6	27.1	25.8	41.5	9.1	10.0	121.7	48
106.9	1.6	356.2	37.5	5.5	19.5	27.9	5.7	4.6	7.1	4.8	2.5	15.7	24.9	27.0	71.2	15.8	3.7	125.6	49
83.7	3.1	279.9	17.7	3.5	17.7	22.9	6.3	2.8	3.1	1.6	2.1	13.8	19.4	29.0	53.1	10.7	2.1	109.1	50
77.2	2.2	269.9	13.4	1.8	16.3	24.6	5.4	6.9	6.9	2.5	1.1	16.7	13.4	44.6	62.7	15.6	4.7	138.0	51
88.8	2.4	335.1	29.1	7.0	17.4	53.2	3.3	9.4	6.9	2.4	2.4	16.0	7.0	24.8	44.7	17.9	5.0	136.9	52
45.1	3.8	165.7	14.7	2.1	14.1	49.8	2.1	35.4	5.3	1.9	4.7	18.5	102.8	35.3	44.5	7.9	7.1	157.4	53
56.9	1.9	194.6	20.7	5.1	10.7	37.6	5.4	27.1	7.2	3.2	4.0	14.0	36.4	35.0	42.8	11.0	5.6	155.1	54
61.2	5.7	248.0	16.5	4.3	11.1	16.5	6.9	2.2	5.3	2.4	0.7	17.4	27.6	26.3	44.6	6.6	2.2	109.3	55
79.2	2.5	327.7	15.7	7.5	13.8	23.3	6.9	3.8	10.7	2.5	3.8	10.7	31.4	42.8	62.3	25.2	10.1	146.5	56
104.6	1.1	343.6	27.9	5.5	12.1	30.2	5.7	2.9	8.0	1.7	1.3	12.2	14.1	20.3	51.0	15.0	3.2	104.6	57
98.7	1.1	341.1	30.7	5.8	12.7	25.7	5.8	3.1	5.9	2.0	1.3	12.9	16.6	26.2	47.7	16.0	2.6	99.5	58
94.9	1.0	369.3	32.2	5.8	11.8	27.2	6.9	5.0	16.9	1.8	1.5	11.8	3.1	30.0	33.1	17.6	4.6	99.6	59

VITAL STATISTICS OF THE UNITED STATES

TABLE XVI.—DEATH RATES BY AGE: UNITED STATES OR DEATH-REGISTRATION STATES, 1900—1949

(Exclusive of fetal deaths. Rates per 1,000 estimated midyear population in each specified group)

YEAR	Total ¹	Under 1 year	1-4 years	5-14 years	15-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75-84 years	85 years and over
1949 ²	9.7	34.1	1.5	0.6	1.3	1.9	3.8	8.7	18.9	43.5	94.5	242.0
1948 ²	9.9	35.0	1.6	0.7	1.4	2.0	4.0	9.0	19.4	44.0	96.3	247.1
1947 ²	10.1	33.8	1.6	0.7	1.5	2.1	4.1	9.3	19.8	44.8	98.1	243.1
1946 ²	10.0	45.3	1.8	0.8	1.7	2.3	4.2	9.3	19.5	43.4	86.1	228.6
1945 ²	10.8	41.7	2.0	0.9	1.9	2.7	4.6	9.7	20.3	44.5	99.5	222.5
1944 ²	10.6	45.3	2.3	0.9	2.0	2.7	4.7	9.8	20.6	45.5	102.7	223.3
1943 ²	10.9	43.0	2.6	1.0	2.0	2.8	4.9	10.3	21.5	47.4	108.5	234.6
1942 ²	10.4	48.0	2.4	0.9	1.9	2.8	4.9	10.1	21.0	45.6	102.3	212.6
1941 ²	10.5	52.3	2.8	1.0	2.0	2.9	5.0	10.3	21.4	46.6	105.0	218.4
1940 ²	10.7	54.8	2.9	1.0	2.0	3.1	5.2	10.6	22.0	48.2	110.9	230.1
1939	10.6	53.7	3.2	1.1	2.1	3.2	5.3	10.7	22.1	47.2	112.5	223.3
1938	10.8	58.0	3.8	1.2	2.3	3.4	5.6	10.9	22.1	47.1	110.9	212.6
1937	11.3	61.3	4.2	1.4	2.6	3.9	6.2	11.8	23.5	49.0	117.0	227.2
1936	11.6	62.9	4.4	1.5	2.6	4.1	6.5	12.1	24.1	50.8	121.7	242.7
1935	10.9	80.9	4.4	1.5	2.7	4.0	6.2	11.6	23.2	48.7	113.1	224.6
1934	11.1	86.8	5.1	1.5	2.8	4.1	6.2	11.8	23.5	49.4	114.1	224.6
1933	10.7	61.3	4.7	1.5	2.7	4.1	6.2	11.4	23.2	48.0	111.3	222.3
1932	10.9	61.3	4.6	1.5	2.9	4.2	6.3	11.6	23.4	50.0	114.3	233.3
1931	11.1	64.4	5.3	1.7	3.2	4.5	6.7	12.0	23.6	49.9	110.5	222.6
1930	11.3	69.0	5.6	1.7	3.3	4.7	6.8	12.2	24.0	51.4	112.7	226.0
1929	11.9	71.6	6.3	1.9	3.6	5.0	7.3	12.7	24.5	54.0	122.2	243.3
1928	12.0	73.1	6.5	1.9	3.7	5.0	7.5	12.8	24.2	54.3	125.2	239.3
1927	11.3	69.8	5.9	1.9	3.5	4.7	7.1	12.0	22.9	51.2	115.9	230.1
1926	12.1	77.9	7.2	1.9	3.7	4.9	7.4	12.7	24.1	53.8	125.4	279.7
1925	11.7	75.4	6.4	2.0	3.6	4.8	7.2	12.2	23.3	51.7	119.3	272.3
1924	11.6	76.8	6.8	2.0	3.6	4.8	7.1	12.1	23.0	51.0	117.2	261.6
1923	12.1	81.1	8.1	2.1	3.9	5.0	7.3	12.2	23.9	53.3	123.5	279.7
1922	11.7	77.6	7.4	2.1	3.8	5.0	7.1	11.8	23.2	52.2	117.5	258.1
1921	11.5	80.6	8.0	2.5	3.9	4.9	6.8	11.2	22.1	49.0	111.2	239.1
1920	13.0	92.3	9.9	2.6	4.9	6.8	8.1	12.2	23.6	52.5	118.9	248.3
1919	12.9	91.0	9.3	2.7	5.3	7.5	8.6	12.3	23.1	50.0	107.6	222.2
1918	18.1	111.7	15.7	4.1	10.7	16.4	13.4	15.2	26.5	55.0	113.0	222.1
1917	14.0	104.6	10.7	2.6	4.7	6.5	9.0	13.9	26.8	57.3	123.9	245.9
1916	13.8	105.7	11.1	2.5	4.4	6.2	8.8	13.6	26.5	57.2	123.9	250.4
1915	13.2	102.4	9.2	2.3	4.1	5.8	8.3	13.1	25.5	55.6	120.1	240.3
1914	13.3	107.2	10.2	2.5	4.2	6.0	8.5	13.1	25.1	54.1	115.6	231.5
1913	13.8	114.6	11.9	2.7	4.4	6.2	8.7	13.5	25.5	54.1	117.9	235.9
1912	13.6	111.1	10.9	2.5	4.3	6.1	8.6	13.4	25.8	54.5	120.2	242.2
1911	13.9	114.0	11.8	2.7	4.5	6.4	8.9	13.5	25.8	55.0	120.1	246.4
1910	14.7	131.8	14.0	2.9	4.5	6.5	9.0	13.7	26.2	55.6	122.2	250.3
1909	14.2	126.7	13.5	2.8	4.4	6.3	8.7	13.3	25.6	53.9	118.4	244.9
1908	14.7	133.2	14.0	3.0	4.8	6.7	9.0	13.8	26.2	53.8	119.5	248.6
1907	15.9	138.6	14.7	3.2	5.3	7.5	10.2	15.1	28.6	58.8	128.7	269.1
1906	15.7	144.8	15.8	3.3	5.3	7.5	9.8	14.5	27.1	55.0	120.4	255.1
1905	15.9	141.2	15.0	3.4	5.2	7.4	9.8	14.7	27.7	56.2	122.4	261.5
1904	16.4	139.2	15.9	3.7	5.5	7.8	10.2	15.1	28.5	58.2	126.1	270.0
1903	15.6	132.6	15.4	3.4	5.2	7.5	9.8	14.3	27.2	55.0	120.8	253.7
1902	15.5	138.9	16.6	3.3	5.1	7.5	9.6	14.0	25.9	52.9	114.1	235.6
1901	16.4	141.4	16.9	3.5	5.5	8.0	10.3	15.0	27.8	56.2	124.6	260.8
1900	17.2	162.4	19.8	3.9	5.9	8.2	10.2	15.0	27.2	56.4	123.3	260.9

¹Includes deaths for which age was not stated.²Exclusive of deaths among armed forces overseas. Based on population excluding armed forces overseas.

NOTE.—Death-registration States increased in number from 10 States and the District of Columbia in 1900 to the entire continental United States in 1933.

SUMMARY AND RATE TABLES

TABLE XVII—ESTIMATED POPULATION INCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX: UNITED STATES, JULY 1, 1949

AGE	ALL RACES			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
ALL AGES-----	149,215,000	74,243,000	74,973,000	133,446,000	66,516,000	66,930,000	15,770,000	7,726,000	8,043,000
Under 1 year ¹ -----	3,271,000	1,672,000	1,599,000	2,899,000	1,466,000	1,414,000	372,000	186,000	185,000
1-4 years ¹ -----	12,534,000	6,396,000	6,138,000	10,995,000	5,626,000	5,367,000	1,539,000	769,000	771,000
5-9 years-----	12,452,000	6,865,000	6,589,000	11,685,000	5,977,000	5,709,000	1,767,000	888,000	879,000
10-14 years-----	11,161,000	5,676,000	5,485,000	9,670,000	4,928,000	4,742,000	1,491,000	748,000	743,000
15-19 years-----	10,751,000	5,440,000	5,311,000	9,415,000	4,771,000	4,636,000	1,337,000	684,000	673,000
20-24 years-----	11,884,000	5,950,000	5,934,000	10,518,000	5,275,000	5,244,000	1,366,000	676,000	690,000
25-29 years-----	12,156,000	5,974,000	6,182,000	10,848,000	5,344,000	5,504,000	1,309,000	630,000	679,000
30-34 years-----	11,348,000	5,505,000	5,844,000	10,163,000	4,987,000	5,205,000	1,186,000	547,000	638,000
35-39 years-----	10,843,000	5,307,000	5,536,000	9,736,000	4,789,000	4,947,000	1,107,000	518,000	589,000
40-44 years-----	9,912,000	4,892,000	5,020,000	8,966,000	4,441,000	4,525,000	946,000	451,000	495,000
45-49 years-----	9,083,000	4,495,000	4,588,000	8,187,000	4,065,000	4,122,000	906,000	430,000	476,000
50-54 years-----	8,155,000	4,050,000	4,105,000	7,453,000	3,705,000	3,749,000	702,000	345,000	357,000
55-59 years-----	7,341,000	3,659,000	3,682,000	6,781,000	3,381,000	3,400,000	560,000	278,000	282,000
60-64 years-----	6,042,000	3,017,000	3,026,000	5,627,000	2,803,000	2,824,000	416,000	214,000	202,000
65-69 years-----	4,471,000	2,190,000	2,281,000	4,178,000	2,036,000	2,142,000	294,000	154,000	140,000
70-74 years-----	3,211,000	1,524,000	1,686,000	3,006,000	1,421,000	1,585,000	205,000	104,000	101,000
75-79 years-----	2,085,000	960,000	1,125,000	1,854,000	895,000	1,059,000	131,000	65,000	66,000
80-84 years-----	1,042,000	472,000	570,000	965,000	437,000	528,000	77,000	35,000	42,000
85 years and over-----	461,000	198,000	263,000	401,000	174,000	227,000	60,000	24,000	36,000

¹In order to maintain comparability with the 1940 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

NOTE.—For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables supplied by the Bureau of the Census. Because of the problems involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

TABLE XVIII—ESTIMATED POPULATION EXCLUDING ARMED FORCES OVERSEAS, BY AGE, RACE, AND SEX: UNITED STATES, JULY 1, 1949

AGE	ALL RACES			WHITE			NONWHITE		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
ALL AGES-----	148,720,000	73,750,000	74,971,000	133,002,000	66,074,000	66,927,000	15,719,000	7,675,000	8,043,000
Under 1 year ¹ -----	3,271,000	1,672,000	1,599,000	2,899,000	1,466,000	1,414,000	372,000	185,000	185,000
1-4 years ¹ -----	12,534,000	6,396,000	6,138,000	10,995,000	5,626,000	5,367,000	1,539,000	769,000	771,000
5-9 years-----	12,452,000	6,865,000	6,589,000	11,685,000	5,977,000	5,709,000	1,767,000	888,000	879,000
10-14 years-----	11,161,000	5,676,000	5,485,000	9,670,000	4,928,000	4,742,000	1,491,000	748,000	743,000
15-19 years-----	10,751,000	5,299,000	5,311,000	9,266,000	4,650,000	4,636,000	1,322,000	649,000	673,000
20-24 years-----	11,716,000	5,783,000	5,933,000	10,367,000	5,124,000	5,243,000	1,349,000	658,000	690,000
25-29 years-----	12,074,000	5,892,000	6,182,000	10,774,000	5,271,000	5,503,000	1,300,000	622,000	679,000
30-34 years-----	11,222,000	5,450,000	5,843,000	10,115,000	4,908,000	5,205,000	1,160,000	542,000	638,000
35-39 years-----	10,616,000	5,280,000	5,536,000	9,712,000	4,765,000	4,947,000	1,104,000	515,000	589,000
40-44 years-----	9,800,000	4,881,000	5,020,000	8,955,000	4,430,000	4,525,000	945,000	450,000	495,000
45-49 years-----	9,087,000	4,480,000	4,599,000	8,192,000	4,060,000	4,122,000	905,000	429,000	476,000
50-54 years-----	8,155,000	4,048,000	4,105,000	7,451,000	3,705,000	3,749,000	702,000	345,000	357,000
55-59 years-----	7,340,000	3,658,000	3,682,000	6,780,000	3,380,000	3,400,000	560,000	278,000	282,000
60-64 years-----	6,042,000	3,016,000	3,026,000	5,626,000	2,803,000	2,824,000	416,000	214,000	202,000
65-69 years-----	4,471,000	2,190,000	2,281,000	4,177,000	2,036,000	2,142,000	294,000	154,000	140,000
70-74 years-----	3,211,000	1,524,000	1,686,000	3,006,000	1,421,000	1,585,000	205,000	104,000	101,000
75-79 years-----	2,085,000	960,000	1,125,000	1,854,000	895,000	1,059,000	131,000	65,000	66,000
80-84 years-----	1,042,000	472,000	570,000	965,000	437,000	528,000	77,000	35,000	42,000
85 years and over-----	461,000	198,000	263,000	401,000	174,000	227,000	60,000	24,000	36,000

¹In order to maintain comparability with the 1940 census, figures for this age group have not been adjusted for underenumeration. Estimates adjusted for underenumeration are shown in the publication cited below.

NOTE.—For discussion of population estimates used in the computation of birth and death rates, see text.

Source: Bureau of the Census. Estimates for the age groups under 75 years and for the total population 75 years and over are published in "Current Population Reports," Series P-25, No. 39. Those for the age groups over 75 years are from unpublished tables supplied by the Bureau of the Census. Because of the problems involved in estimating the populations in the age groups over 75 years, the figures for these groups should be regarded as rough approximations.

VITAL STATISTICS OF THE UNITED STATES

TABLE XIX.—POPULATION ESTIMATES AS OF JULY 1:

AREA	1945		1948		1947		1946		1945	
	Total ¹	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	Total^{1}	Civilian
1 UNITED STATES-----	148,558,000	147,512,000	146,045,000	145,171,000	143,375,000	142,595,000	139,883,000	138,394,000	132,137,000	127,571,000
2 Alabama-----	3,004,000	2,996,000	2,966,000	2,976,000	2,967,000	2,961,000	2,917,000	2,883,000	2,811,000	2,726,000
3 Arizona-----	726,000	719,000	712,000	702,000	686,000	679,000	646,000	641,000	602,000	561,000
4 Arkansas-----	1,855,000	1,825,000	1,811,000	1,809,000	1,815,000	1,813,000	1,762,000	1,755,000	1,746,000	1,685,000
5 California-----	10,499,000	10,359,000	10,467,000	10,312,000	10,194,000	10,061,000	9,925,000	9,717,000	8,481,000	8,781,000
6 Colorado-----	1,249,000	1,232,000	1,201,000	1,187,000	1,201,000	1,184,000	1,186,000	1,151,000	1,119,000	1,057,000
7 Connecticut-----	2,006,000	2,001,000	1,979,000	1,974,000	1,943,000	1,839,000	1,885,000	1,889,000	1,765,000	1,734,000
8 Delaware-----	319,000	318,000	317,000	317,000	310,000	309,000	299,000	298,000	287,000	276,000
9 District of Columbia-----	839,000	809,000	880,000	854,000	920,000	890,000	919,000	890,000	882,000	805,000
10 Florida-----	2,679,000	2,656,000	2,606,000	2,567,000	2,540,000	2,491,000	2,431,000	2,369,000	2,420,000	2,090,000
11 Georgia-----	3,360,000	3,316,000	3,272,000	3,248,000	3,294,000	3,269,000	3,250,000	3,210,000	3,161,000	2,970,000
12 Idaho-----	572,000	570,000	553,000	553,000	521,000	521,000	509,000	507,000	509,000	488,000
13 Illinois-----	6,626,000	6,585,000	6,468,000	6,459,000	6,266,000	6,253,000	6,147,000	6,065,000	7,650,000	7,476,000
14 Indiana-----	3,696,000	3,693,000	3,620,000	3,618,000	3,729,000	3,727,000	3,657,000	3,635,000	3,432,000	3,582,000
15 Iowa-----	2,551,000	2,550,000	2,487,000	2,487,000	2,429,000	2,428,000	2,384,000	2,382,000	2,225,000	2,202,000
16 Kansas-----	1,863,000	1,837,000	1,795,000	1,781,000	1,749,000	1,738,000	1,751,000	1,725,000	1,679,000	1,584,000
17 Kentucky-----	2,862,000	2,832,000	2,822,000	2,795,000	2,796,000	2,778,000	2,721,000	2,674,000	2,580,000	2,522,000
18 Louisiana-----	2,833,000	2,821,000	2,599,000	2,569,000	2,590,000	2,581,000	2,564,000	2,513,000	2,438,000	2,354,000
19 Maine-----	801,000	801,000	880,000	877,000	852,000	851,000	843,000	841,000	792,000	778,000
20 Maryland-----	2,339,000	2,305,000	2,295,000	2,265,000	2,317,000	2,269,000	2,286,000	2,210,000	2,103,000	1,995,000
21 Massachusetts-----	4,772,000	4,748,000	4,719,000	4,703,000	4,604,000	4,591,000	4,449,000	4,426,000	4,168,000	4,070,000
22 Michigan-----	6,270,000	6,263,000	6,175,000	6,168,000	6,064,000	6,054,000	5,867,000	5,852,000	5,485,000	5,446,000
23 Minnesota-----	2,916,000	2,915,000	2,850,000	2,849,000	2,789,000	2,788,000	2,713,000	2,709,000	2,534,000	2,521,000
24 Mississippi-----	2,076,000	2,067,000	2,056,000	2,047,000	2,075,000	2,066,000	2,016,000	1,997,000	2,057,000	1,968,000
25 Missouri-----	3,907,000	3,905,000	3,832,000	3,829,000	3,807,000	3,806,000	3,713,000	3,703,000	3,461,000	3,406,000
26 Montana-----	562,000	558,000	535,000	532,000	515,000	513,000	495,000	494,000	465,000	458,000
27 Nebraska-----	1,284,000	1,281,000	1,243,000	1,239,000	1,256,000	1,234,000	1,227,000	1,221,000	1,192,000	1,149,000
28 Nevada-----	159,000	157,000	159,000	159,000	153,000	152,000	145,000	143,000	148,000	124,000
29 New Hampshire-----	523,000	519,000	508,000	505,000	497,000	494,000	481,000	489,000	450,000	443,000
30 New Jersey-----	4,788,000	4,740,000	4,857,000	4,819,000	4,499,000	4,455,000	4,423,000	4,336,000	4,050,000	3,963,000
31 New Mexico-----	632,000	621,000	592,000	582,000	574,000	565,000	556,000	546,000	539,000	494,000
32 New York-----	14,746,000	14,717,000	14,391,000	14,361,000	14,041,000	14,015,000	13,562,000	13,534,000	12,512,000	12,268,000
33 North Carolina-----	3,944,000	3,889,000	3,836,000	3,795,000	3,748,000	3,710,000	3,659,000	3,591,000	3,515,000	3,442,000
34 North Dakota-----	583,000	583,000	562,000	561,000	553,000	553,000	541,000	541,000	522,000	521,000
35 Ohio-----	7,996,000	7,996,000	7,849,000	7,839,000	7,754,000	7,746,000	7,484,000	7,466,000	6,880,000	6,825,000
36 Oklahoma-----	2,125,000	2,111,000	2,114,000	2,104,000	2,151,000	2,142,000	2,137,000	2,124,000	2,059,000	1,985,000
37 Oregon-----	1,493,000	1,491,000	1,482,000	1,481,000	1,473,000	1,472,000	1,598,000	1,594,000	1,294,000	1,282,000
38 Pennsylvania-----	10,410,000	10,395,000	10,217,000	10,203,000	10,014,000	10,000,000	9,771,000	9,752,000	9,048,000	8,997,000
39 Rhode Island-----	791,000	777,000	764,000	773,000	767,000	761,000	749,000	740,000	739,000	679,000
40 South Carolina-----	2,004,000	1,961,000	1,968,000	1,934,000	1,962,000	1,940,000	1,894,000	1,868,000	1,907,000	1,797,000
41 South Dakota-----	618,000	615,000	591,000	588,000	571,000	568,000	553,000	552,000	547,000	518,000
42 Tennessee-----	3,267,000	3,256,000	3,236,000	3,227,000	3,182,000	3,177,000	3,064,000	3,053,000	2,878,000	2,851,000
43 Texas-----	7,673,000	7,554,000	7,578,000	7,500,000	7,343,000	7,269,000	7,148,000	6,998,000	6,828,000	6,375,000
44 Utah-----	677,000	675,000	663,000	661,000	653,000	651,000	650,000	637,000	612,000	587,000
45 Vermont-----	367,000	366,000	358,000	357,000	354,000	353,000	341,000	341,000	322,000	322,000
46 Virginia-----	3,297,000	3,207,000	3,257,000	3,184,000	3,197,000	3,144,000	3,117,000	3,071,000	3,068,000	2,796,000
47 Washington-----	2,373,000	2,314,000	2,326,000	2,290,000	2,279,000	2,241,000	2,334,000	2,248,000	2,274,000	2,138,000
48 West Virginia-----	1,336,000	1,337,000	1,309,000	1,309,000	1,299,000	1,299,000	1,231,000	1,230,000	1,712,000	1,704,000
49 Wisconsin-----	3,326,000	3,324,000	3,261,000	3,259,000	3,219,000	3,218,000	3,137,000	3,132,000	2,946,000	2,927,000
50 Wyoming-----	276,000	271,000	269,000	264,000	258,000	254,000	259,000	256,000	244,000	232,000

¹Excluding armed forces overseas; including armed forces present in area.

NOTES.—For estimated total population of the United States for 1940-46, including armed forces overseas, see table F. For total population for 1900, 1910, 1920-39, see "Vital Statistics of the United States, Part I, 1942, table VIII.

For discussion of population estimates used in the computation of birth, death, marriage, and divorce rates, see text.

Source: Bureau of the Census, "Current Population Reports," 1940-49 from Series P-25, No. 47.

SUMMARY AND RATE TABLES

UNITED STATES AND EACH STATE, 1940-49

1944		1943		1942		1941		1940		
Total ¹	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	Total^{1}	Civilian	
132,622,000	126,606,000	133,971,000	127,415,000	133,752,000	130,854,000	133,058,000	131,556,000	131,936,000	131,642,000	1
2,929,000	2,713,000	2,676,000	2,728,000	2,867,000	2,794,000	2,849,000	2,817,000	2,837,000	2,832,000	2
618,000	555,000	701,000	558,000	611,000	574,000	547,000	538,000	509,000	506,000	3
1,771,000	1,699,000	1,836,000	1,761,000	1,892,000	1,853,000	1,905,000	1,880,000	1,943,000	1,943,000	4
9,001,000	8,205,000	8,508,000	7,621,000	7,851,000	7,533,000	7,405,000	7,224,000	6,982,000	6,932,000	5
1,148,000	1,059,000	1,171,000	1,070,000	1,136,000	1,113,000	1,138,000	1,131,000	1,133,000	1,130,000	6
1,779,000	1,751,000	1,782,000	1,749,000	1,805,000	1,791,000	1,741,000	1,758,000	1,714,000	1,712,000	7
284,000	275,000	279,000	269,000	276,000	275,000	273,000	272,000	268,000	267,000	8
881,000	817,000	891,000	828,000	817,000	792,000	758,000	749,000	682,000	677,000	9
2,389,000	2,015,000	2,418,000	2,015,000	2,173,000	2,008,000	2,058,000	1,966,000	1,922,000	1,912,000	10
3,211,000	2,950,000	3,238,000	2,985,000	3,241,000	3,083,000	3,207,000	3,119,000	3,123,000	3,106,000	11
539,000	470,000	506,000	475,000	497,000	485,000	515,000	515,000	524,000	524,000	12
7,711,000	7,477,000	7,748,000	7,570,000	7,957,000	7,875,000	7,918,000	7,875,000	7,896,000	7,886,000	13
3,434,000	3,380,000	3,477,000	3,411,000	3,481,000	3,467,000	3,455,000	3,449,000	3,425,000	3,422,000	14
2,246,000	2,218,000	2,323,000	2,297,000	2,418,000	2,416,000	2,465,000	2,464,000	2,527,000	2,525,000	15
1,727,000	1,613,000	1,813,000	1,720,000	1,738,000	1,708,000	1,746,000	1,728,000	1,788,000	1,783,000	16
2,633,000	2,517,000	2,705,000	2,568,000	2,745,000	2,688,000	2,787,000	2,779,000	2,847,000	2,839,000	17
2,513,000	2,288,000	2,561,000	2,324,000	2,508,000	2,375,000	2,460,000	2,384,000	2,357,000	2,363,000	18
797,000	779,000	802,000	782,000	837,000	829,000	852,000	848,000	848,000	847,000	19
2,111,000	1,972,000	2,093,000	1,979,000	2,021,000	1,940,000	1,958,000	1,888,000	1,840,000	1,827,000	20
4,165,000	4,062,000	4,244,000	4,100,000	4,355,000	4,281,000	4,374,000	4,311,000	4,331,000	4,327,000	21
5,485,000	5,411,000	5,425,000	5,352,000	5,389,000	5,364,000	5,371,000	5,344,000	5,285,000	5,282,000	22
2,521,000	2,506,000	2,556,000	2,537,000	2,666,000	2,660,000	2,742,000	2,759,000	2,787,000	2,784,000	23
2,151,000	1,946,000	2,275,000	2,025,000	2,229,000	2,112,000	2,242,000	2,188,000	2,174,000	2,174,000	24
3,535,000	3,429,000	3,711,000	3,569,000	3,853,000	3,768,000	3,814,000	3,772,000	3,784,000	3,783,000	25
482,000	457,000	487,000	478,000	522,000	522,000	544,000	544,000	556,000	556,000	26
1,197,000	1,145,000	1,239,000	1,194,000	1,226,000	1,220,000	1,264,000	1,262,000	1,310,000	1,308,000	27
151,000	128,000	144,000	128,000	133,000	127,000	118,000	118,000	112,000	112,000	28
454,000	445,000	465,000	457,000	491,000	483,000	485,000	481,000	494,000	493,000	29
4,166,000	4,063,000	4,205,000	4,069,000	4,240,000	4,176,000	4,221,000	4,176,000	4,167,000	4,163,000	30
532,000	496,000	541,000	498,000	558,000	525,000	531,000	529,000	534,000	534,000	31
12,637,000	12,314,000	12,718,000	12,457,000	13,145,000	13,056,000	13,414,000	13,363,000	13,467,000	13,446,000	32
3,531,000	3,334,000	3,623,000	3,353,000	3,607,000	3,501,000	3,625,000	3,551,000	3,574,000	3,588,000	33
523,000	522,000	550,000	547,000	587,000	587,000	616,000	616,000	637,000	637,000	34
6,834,000	6,789,000	6,867,000	6,816,000	6,980,000	6,942,000	6,938,000	6,933,000	6,984,000	6,981,000	35
1,966,000	1,851,000	2,228,000	2,092,000	2,047,000	1,998,000	2,048,000	2,023,000	2,312,000	2,306,000	36
1,282,000	1,246,000	1,233,000	1,153,000	1,147,000	1,137,000	1,131,000	1,124,000	1,100,000	1,100,000	37
9,235,000	9,117,000	9,403,000	9,297,000	9,729,000	9,699,000	9,894,000	9,870,000	9,937,000	9,933,000	38
772,000	682,000	745,000	689,000	727,000	703,000	715,000	708,000	714,000	710,000	39
1,929,000	1,782,000	1,842,000	1,788,000	1,983,000	1,857,000	1,950,000	1,874,000	1,888,000	1,889,000	40
549,000	526,000	585,000	555,000	584,000	582,000	612,000	610,000	638,000	637,000	41
2,885,000	2,817,000	2,962,000	2,820,000	2,929,000	2,905,000	2,968,000	2,945,000	2,932,000	2,932,000	42
6,879,000	6,244,000	6,953,000	6,227,000	6,672,000	6,410,000	6,568,000	6,420,000	6,421,000	6,399,000	43
602,000	580,000	635,000	580,000	592,000	576,000	582,000	589,000	554,000	552,000	44
318,000	316,000	326,000	318,000	345,000	344,000	352,000	348,000	359,000	358,000	45
3,170,000	2,741,000	3,100,000	2,778,000	3,000,000	2,774,000	2,846,000	2,742,000	2,717,000	2,682,000	46
2,162,000	2,025,000	2,058,000	1,881,000	1,909,000	1,787,000	1,782,000	1,729,000	1,741,000	1,725,000	47
1,711,000	1,707,000	1,758,000	1,758,000	1,865,000	1,864,000	1,887,000	1,897,000	1,909,000	1,909,000	48
2,978,000	2,831,000	3,013,000	2,862,000	3,054,000	3,050,000	3,154,000	3,134,000	3,145,000	3,143,000	49
251,000	228,000	257,000	233,000	267,000	248,000	259,000	249,000	250,000	246,000	50

GENERAL TABLES
NATALITY, MORTALITY, AND MARRIAGE

(41)

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949

(By place of occurrence. Deaths exclusive of fetal deaths and of deaths among armed forces overseas. White and nonwhite are shown separately for those counties and urban places in which the 1940 populations for nonwhite races formed 10 percent or more of the total, or numbered 10,000 or more)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
UNITED STATES	3,559,529	1,445,607	ALABAMA—Continued			ALABAMA—Continued		
White	3,083,721	1,268,848	Fayette	581	139	Montgomery—Continued		
Nonwhite	475,808	174,759	White	462	113	Balance of county	1,028	318
			Nonwhite	99	26	White		157
ALABAMA	83,958	28,481	Franklin	775	199	Nonwhite	551	161
White	51,899	15,086	Geneva	571	147	Morgan	1,366	426
Nonwhite	32,059	11,395	White	464	117	White	1,166	327
Autauga	433	180	Nonwhite	107	30	Nonwhite	200	99
White	145	96	Greene	455	204	Decatur	808	192
Nonwhite	288	84	White	20	32	White	697	134
Baldwin	911	272	Nonwhite	435	172	Nonwhite	111	58
White	592	169	Eale	617	195	Balance of county	558	234
Nonwhite	329	84	White	80	43	White	469	193
Barbour	912	291	Nonwhite	537	152	Nonwhite	89	41
White	343	106	Henry	455	139	Perry	546	180
Nonwhite	569	185	White	119	64	White	80	43
Bibb	355	120	Nonwhite	356	75	Nonwhite	456	147
White	142	74	Houston	1,511	435	Pickens	595	194
Nonwhite	213	46	White	1,121	286	White	112	75
Blount	654	164	Nonwhite	390	149	Nonwhite	383	119
Bullock	449	167	Dothan	1,187	291	Pike	1,028	340
White	30	26	White	981	186	White	557	188
Nonwhite	419	141	Nonwhite	198	105	Nonwhite	472	151
Butler	1,005	269	Balance of county	324	144	Randolph	507	176
White	499	141	White	194	100	White	320	128
Nonwhite	516	128	Nonwhite	923	247	Nonwhite	187	49
Calhoun	2,081	599	Jackson	15,249	5,239	Russell	955	394
White	1,629	429	White	8,857	2,772	White	341	166
Nonwhite	452	170	Nonwhite	6,392	2,467	Nonwhite	614	228
Anniston	1,596	369	Birmingham	11,012	3,439	Phoenix City	484	202
White	1,271	263	White	6,738	1,904	White	328	132
Nonwhite	325	126	Nonwhite	4,274	1,535	Nonwhite	156	70
Balance of county	465	210	Bessemer	1,006	266	Balance of county	13	182
White	358	166	White	601	112	White	13	34
Nonwhite	127	44	Nonwhite	405	154	Nonwhite	458	158
Chambers	831	292	Fairfield	1,699	351	St. Clair	524	173
White	453	181	White	778	149	White	372	124
Nonwhite	378	141	Nonwhite	921	202	Nonwhite	152	49
Cherokee	337	87	Balance of county	1,532	1,183	Shelby	526	229
Chilton	611	185	White	740	607	White	327	147
White	501	181	Nonwhite	792	576	Nonwhite	199	82
Nonwhite	110	34	Lamar	93	96	Sumter	661	224
Choctaw	588	125	White	236	80	White	93	43
White	231	57	Nonwhite	80	16	Nonwhite	563	181
Nonwhite	357	88	Leadsdale	1,442	395	Talladega	1,901	546
Clarke	805	218	White	1,225	293	White	1,201	392
White	347	79	Nonwhite	217	102	Nonwhite	700	194
Nonwhite	458	137	Florence	1,207	253	Tallapoosa	1,069	305
Clay	331	123	White	1,055	182	White	771	185
White	261	105	Nonwhite	152	71	Nonwhite	299	120
Nonwhite	70	18	Balance of county	236	142	Tuscaloosa	2,451	1,014
Cleburne	179	74	White	170	111	White	1,661	704
Coffee	800	201	Nonwhite	65	31	Nonwhite	790	310
White	613	150	Lawrence	855	161	Tuscaloosa	1,979	672
Nonwhite	187	51	White	621	117	White	1,538	468
Colbert	1,145	322	Nonwhite	234	44	Nonwhite	441	184
White	820	219	Lee	1,083	272	Balance of county	472	342
Nonwhite	325	103	White	610	119	White	123	216
Conecuh	589	161	Nonwhite	473	183	Nonwhite	349	126
White	224	70	Libertone	1,096	301	Walker	1,530	481
Nonwhite	365	111	White	821	216	White	1,375	358
Coosa	215	85	Nonwhite	274	85	Nonwhite	155	93
White	90	34	Lowndes	536	171	Washington	404	94
Nonwhite	125	31	White	13	17	White	201	47
Covington	1,102	328	Nonwhite	523	154	Nonwhite	203	47
White	901	255	Macon	1,053	563	Wilcox	756	256
Nonwhite	201	73	White	45	41	White	39	31
Crenshaw	406	137	Nonwhite	1,008	522	Nonwhite	717	225
White	218	88	Madison	2,102	582	Winston	503	150
Nonwhite	188	49	White	1,428	369			
Cullman	1,274	297	Nonwhite	674	213	ARIZONA	20,512	6,872
Dale	435	127	Huntsville	1,363	301	White	17,619	5,800
White	267	86	White	1,100	195	Nonwhite	2,893	1,072
Nonwhite	168	41	Nonwhite	283	106	Apache	925	275
Dallas	1,981	794	Balance of county	739	281	White	207	31
White	839	242	White	328	174	Nonwhite	718	244
Nonwhite	1,142	552	Nonwhite	411	107	Cochise	360	331
Selma	1,181	522	Marengo	785	330	Coconino	600	193
White	829	211	White	123	78	White	358	105
Nonwhite	352	91	Nonwhite	662	252	Nonwhite	242	88
Balance of county	790	272	Marion	568	129	Gila	643	210
White	10	31	Marshall	1,584	326	White	516	166
Nonwhite	780	241	Mobile	7,300	2,220	Nonwhite	127	45
De Kalb	1,037	241	White	4,580	1,156	Graham	346	90
Elmore	595	247	Nonwhite	2,720	1,064	Greenlee	408	85
White	350	129	Balance of county	6,265	1,518	Mariopa	8,805	2,968
Nonwhite	245	118	White	4,183	885	Phoenix	6,481	1,348
Escambia	1,073	300	Nonwhite	2,082	635	Balance of county	2,322	1,620
White	729	170	Balance of county	1,035	702	Mohave	261	111
Nonwhite	350	130	White	397	273	Navajo	795	246
Etowah	2,867	751	Nonwhite	638	429	White	401	116
White	2,407	638	Monroe	725	227	Nonwhite	394	130
Nonwhite	460	153	White	218	86	Pima	3,622	1,273
Calhoun	2,221	516	Nonwhite	507	141	White	3,513	1,117
White	1,870	401	Montgomery	4,065	1,427	Nonwhite	309	156
Nonwhite	351	115	White	2,307	706	Pucson	303	189
Balance of county	646	235	Nonwhite	1,778	721	Balance of county	3,519	1,084
			Montgomery	3,059	1,109	White	3,229	941
			White	1,832	549	Nonwhite	280	143
			Nonwhite	1,227	560			

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
ARIZONA—Continued			ARKANSAS—Continued			ARKANSAS—Continued		
Pinal	1,358	412	Jefferson	1,873	604	Sevier	389	119
White	1,077	325	White	983	291	White	354	103
Nonwhite	282	87	Nonwhite	890	313	Nonwhite	35	16
Santa Cruz	296	79	Fine Bluff	1,198	414	Sharp	64	25
White	587	348	White	906	240	Stone	42	41
Nonwhite	807	251	Nonwhite	292	174	Union	1,173	300
Yuma	681	231	Balance of county	675	190	White	817	181
White	681	231	White	77	51	Nonwhite	356	119
Nonwhite	126	20	Nonwhite	599	139	El Dorado	913	189
ARKANSAS	45,752	15,548	Johnson	302	121	White	744	122
White	54,319	11,307	Lafayette	196	76	Nonwhite	169	67
Nonwhite	11,433	4,241	White	27	23	Balance of county	260	111
Arkansas	608	122	Nonwhite	169	53	White	73	59
White	427	97	Lawrence	551	128	Nonwhite	187	52
Nonwhite	179	25	Lee	444	161	Van Buren	133	50
Ashley	650	163	White	129	39	Washington	1,202	504
White	317	87	Nonwhite	315	122	White	924	268
Nonwhite	333	76	Lincoln	238	101	Woodruff	372	109
Baxter	373	85	White	68	34	White	139	46
Nonwhite	373	85	Nonwhite	167	67	Nonwhite	174	62
Benton	777	324	Little River	232	71	Yell	177	95
White	657	156	White	132	43			
Nonwhite	657	156	Nonwhite	100	28			
Bradley	417	147	Logan	442	271			
White	266	117	Lonoke	457	156			
Nonwhite	151	30	White	294	99			
Calhoun	81	53	Nonwhite	163	57			
White	32	35	Madison	116	71			
Nonwhite	49	18	Marion	45	37			
Carroll	249	112	Miller	1,080	422			
White	823	232	White	782	279			
Nonwhite	507	100	Nonwhite	289	143			
Chicot	316	132	Texarkana ¹	930	339			
White	420	169	White	758	236			
Nonwhite	262	123	Nonwhite	172	103			
Clark	198	46	Balance of county	150	83			
White	478	180	White	34	43			
Nonwhite	293	87	Nonwhite	116	40			
Cleburne	115	50	Mississippi	2,421	523			
Cleveland	56	36	White	1,794	396			
White	59	14	Nonwhite	827	137			
Nonwhite	637	158	Blytheville	885	163			
Columbia	377	85	White	547	124			
White	260	71	Nonwhite	158	39			
Nonwhite	498	161	Balance of county	1,756	360			
Conway	371	122	White	1,247	262			
White	127	39	Nonwhite	489	98			
Nonwhite	1,547	448	Montgomery	397	138			
Craighead	1,165	289	White	164	43			
White	1,129	265	Nonwhite	233	95			
Nonwhite	37	24	Nebraska	81	45			
Balance of county	392	159	Nevada	345	123			
White	297	123	White	215	87			
Nonwhite	1,099	361	Nonwhite	130	36			
Crittenden	186	67	Newton	43	28			
White	913	294	Ouachita	242	70			
Nonwhite	753	116	White	390	134			
Cross	536	77	Nonwhite	320	108			
White	215	59	Perry	67	18			
Nonwhite	262	83	Phillips	1,420	439			
Dallas	132	52	White	599	126			
White	150	31	Nonwhite	831	312			
Nonwhite	470	159	Pike	77	39			
Desha	205	64	Poinsett	893	171			
White	265	94	White	802	159			
Nonwhite	439	148	Nonwhite	31	32			
Drew	268	92	Polk	326	102			
White	171	66	Rope	568	167			
Nonwhite	53.7	158	Prairie	175	51			
Faulkner	418	126	White	132	44			
White	99	29	Nonwhite	41	7			
Nonwhite	222	70	Pulaski	5,501	2,578			
Franklin	110	47	White	3,998	1,813			
Fulton	1,376	645	Nonwhite	1,503	765			
Garland	1,800	527	Little Rock	5,142	1,989			
White	76	118	White	3,635	1,423			
Nonwhite	1,324	582	Nonwhite	1,509	565			
Hot Springs	1,254	475	White	94	195			
White	70	109	Nonwhite	18	122			
Nonwhite	52	65	Balance of county	265	395			
Grant	127	49	White	147	268			
Greene	798	205	Nonwhite	118	127			
Hempstead	657	212	Randolph	274	92			
White	310	111	St. Francis	1,002	281			
Nonwhite	317	101	White	464	95			
Hot Spring	376	112	Nonwhite	538	188			
White	314	95	Saline	231	284			
Nonwhite	62	17	Scott	128	61			
Howard	391	105	Seay	168	56			
White	306	89	Sebastian	2,175	699			
Nonwhite	85	15	Port Smith	2,104	614			
Independence	787	194	White	1,984	544			
Izard	103	48	Nonwhite	120	70			
Jackson	831	228	Balance of county	71	85			
White	805	171						
Nonwhite	126	57						

¹Includes data for Texarkana, Ark., only.

²Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
CALIFORNIA—Continued			CALIFORNIA—Continued			CONNECTICUT—Continued		
Los Angeles—Continued	9	106	Tuba	919	500	Hartford	11,755	4,656
Redondo Beach	848	175	COLORADO			Hartford	8,081	2,147
San Gabriel	1	150		35,383	12,716	Bristol	705	254
South Pasadena	1,540	287	White	32,614	12,418	New Britain	1,759	576
Whittier	16,621	8,358	Nonwhite	769	298	West Hartford (town)	47	225
Balance of county	16,089	8,115	Adams	1,142	326	West Hartford (town)	1	97
White	562	245	Alamosa	480	106	Balance of county	1,162	1,539
Nonwhite	1,066	374	Arapahoe	9	249	Litchfield	1,484	815
Modern	1,229	622	Archuleta	62	27	Torrington	742	247
Marin	49	48	Baca	157	35	Balance of county	742	586
Mariposa	805	477	Bent	140	90	Middlesex	1,159	875
Mendocino	2,150	559	Boulder	1,217	413	Middletown	1,150	587
Merced	1,542	284	Boulder	506	149	Balance of county	9	276
Balance of county	908	255	Balance of county	711	264	New Haven	11,442	5,350
Modoc	182	79	Chaffee	170	116	New Haven	5,686	2,201
Mono	12	28	Cheyenne	112	35	Meriden	1,170	467
White	10	26	Clear Creek	3	27	Waterbury	3,245	1,174
Nonwhite	2	2	Comejos	90	44	West Haven (town)	2	198
Monterey	3,595	925	Costilla	109	29	Ansonia	2	100
Monterey	311	107	Crowley	29	28	Derby	307	214
Salinas	1,046	162	Custer	1	8	Naugatuck	2	84
White	940	158	Delta	424	173	Wallington	2	110
Nonwhite	106	4	Denver, coextensive with			Balance of county	426	782
Balance of county	2,086	658	Denver (city)	15,692	4,684	New London	2,628	1,560
Napa	759	89	Dolores	-	5	New London	1,599	419
Nevada	400	263	Douglas	-	20	Norwich	3	178
Orange	4,112	1,835	Eagle	48	26	Balance of county	1,226	965
Santa Ana	989	52	Elbert	18	17	Tolland	404	317
Anaheim	114	157	El Paso	1,047	629	Wardham	1,303	611
Fullerton	957	157	Colorado Springs	1,573	651	Williamantic	586	139
Balance of county	2,042	835	Balance of county	274	198	Balance of county	717	472
Placer	287	142	Fremont	541	220	DELAWARE		
Plumas	3,621	1,717	Garfield	327	125		7,565	3,567
Riverside	1,858	791	Gilpin	-	6	White	8,311	2,783
Balance of county	1,783	926	Grand	98	27	Nonwhite	1,254	604
Sacramento	7,586	2,710	Gunnison	125	45	Kent	720	496
Sacramento	6,986	2,240	Hinsdale	-	3	White	666	384
Balance of county	610	470	Inverness	245	100	Nonwhite	154	112
White	584	450	Jackson	1	5	New Castle	5,291	2,225
Nonwhite	26	20	Jefferson	13	281	White	4,565	1,879
San Benito	304	139	Kiowa	65	23	Nonwhite	728	348
San Bernardino	6,465	2,790	Kit Carson	255	61	Wilmington	5,215	2,563
San Bernardino	3,155	1,040	Lake	231	105	White	4,521	1,531
Outback	5	95	La Plata	502	140	Nonwhite	692	252
Redlands	494	179	Larimer	954	359	Balance of county	78	662
Balance of county	2,811	1,476	Fort Collins	-	106	Sussex	1,554	668
San Diego	14,071	4,600	Balance of county	954	257	White	1,162	520
San Diego	10,425	3,152	Las Animas	667	223	Nonwhite	372	146
National City	591	195	Trinidad	587	176	DISTRICT OF COLUMBIA		
Balance of county	3,055	1,253	Balance of county	80	51		27,672	6,682
San Francisco, coextensive with San Francisco (city)	19,226	9,742	Lincoln	35	28	White	18,549	5,565
White	15,977	9,142	Logan	484	137	Nonwhite	9,123	3,119
Nonwhite	3,249	600	Mesa	953	434	FLORIDA		
San Joaquin	5,059	2,193	Grand Junction	783	247		61,575	26,651
Stockton	2,357	597	Balance of county	170	187	White	44,150	19,644
Lodi	699	140	Mineral	-	5	Nonwhite	17,225	7,007
Balance of county	2,003	1,456	Moffat	40	35	Alachua	1,545	428
White	1,697	1,321	Montezuma	306	84	White	1,060	214
Nonwhite	306	135	Montrose	329	149	Nonwhite	485	214
San Luis Obispo	1,105	478	Morgan	502	158	Gainesville	1,175	245
San Mateo	2,518	1,401	Otero	956	254	White	990	141
Burlingame	2	96	Ozary	33	23	Nonwhite	195	104
Redwood City	1	98	Park	10	15	Balance of county	370	185
San Mateo	2,408	555	Phillips	132	40	White	80	75
Balance of county	107	672	Pitkin	28	17	Nonwhite	290	110
Santa Barbara	2,471	970	Provers	574	149	Baker	129	31
Santa Barbara	1,398	509	Pueblo	2,309	1,224	White	74	24
Balance of county	1,073	461	Pueblo	1,331	578	Nonwhite	55	7
Santa Clara	8,250	2,993	Balance of county	97	25	Bay	1,250	224
San Jose	2,450	764	Rio Blanco	479	179	White	1,041	172
Palo Alto	2,491	574	Rio Grande	328	76	Nonwhite	209	52
Balance of county	3,309	1,855	Routt	32	26	Panama City	1,070	177
Santa Cruz	1,396	670	Saguache	15	11	White	880	127
Santa Cruz	684	335	San Juan	43	18	Nonwhite	190	50
Balance of county	712	535	San Miguel	153	43	Balance of county	180	47
Shasta	839	364	Sedwick	2	10	White	161	45
Sierra	2	12	Summit	33	27	Nonwhite	19	2
Siskiyou	662	312	Teller	111	44	Bradford	313	124
Solano	2,552	739	Washington	1,454	441	White	231	97
Vallejo	1,665	329	Weld	1,203	267	Nonwhite	82	37
Balance of county	889	410	Balance of county	251	174	Brevard	391	256
Sonoma	1,985	1,220	Yuma	236	74	White	228	179
Santa Rosa	575	187	CONNECTICUT			Nonwhite	163	57
Balance of county	1,408	1,033		39,967	18,635	Broward	1,732	726
Stanislaus	3,389	1,184	White	38,692	18,067	White	1,022	532
Modesto	2,236	545	Nonwhite	1,275	568	Nonwhite	710	184
Balance of county	1,153	639	Fairfield	9,592	4,493	Fort Lauderdale	1,179	477
Sutter	315	171	Bridgeport	4,946	1,681	White	883	354
Yuba	476	240	Norwalk	1,350	473	Nonwhite	316	123
Trinity	49	46	Stamford	1,686	668	Balance of county	553	249
Fullam	3,647	1,036	Danbury	983	397	White	159	178
Tuolumne	298	154	Shelton	-	81	Nonwhite	394	71
Ventura	2,890	1,098	Stratford (town)	4	107	Calhoun	154	34
San Buenaventura	557	104	Balance of county	625	1,086	White	122	28
Balance of county	2,333	994				Nonwhite	32	6
Yolo	852	406						

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
FLORIDA—Continued			FLORIDA—Continued			FLORIDA—Continued		
Charlotte	56	58	Lafayette	87	22	Putnam	550	289
White	45	45	Lake	861	380	White	290	155
Nonwhite	13	13	White	614	284	Nonwhite	260	104
Citrus	80	55	Nonwhite	247	96	St. Johns	334	317
White	58	33	Lee	535	254	White	292	200
Nonwhite	22	22	White	429	199	Nonwhite	242	117
Clay	107	83	Nonwhite	108	65	St. Augustine	357	282
White	54	55	Fort Myers	514	216	White	167	167
Nonwhite	53	28	White	415	158	Nonwhite	190	95
Collier	48	45	Nonwhite	98	60	Balance of county	67	85
White	24	17	Balance of county	21	48	White	9	33
Nonwhite	24	28	White	15	43	Nonwhite	62	22
Columbia	625	519	Nonwhite	8	5	St. Lucie	545	199
White	433	164	Leon	1,273	347	White	289	122
Nonwhite	193	135	White	687	174	Nonwhite	257	77
Dade	9,649	4,211	Nonwhite	605	173	Santa Rosa	202	121
White	7,677	3,575	Tallahassee	388	135	White	161	93
Nonwhite	1,972	636	White	98	70	Nonwhite	41	28
Miami	5,071	2,464	Nonwhite	280	65	Sarasota	466	323
White	4,545	2,059	Balance of county	885	212	White	332	290
Nonwhite	1,326	406	White	589	104	Nonwhite	114	43
Miami Beach	845	511	Nonwhite	316	108	Sarasota	455	274
Balance of county	2,933	1,538	Levy	239	87	White	347	235
White	2,289	1,008	White	113	48	Nonwhite	106	38
Nonwhite	644	228	Nonwhite	126	39	Balance of county	11	49
De Soto	221	111	Liberty	39	22	White	5	44
White	161	84	White	25	15	Nonwhite	6	5
Nonwhite	60	27	Nonwhite	15	7	Seminole	689	282
Dixie	96	44	Madison	418	148	White	247	139
White	61	35	White	141	68	Nonwhite	412	113
Nonwhite	15	9	Nonwhite	277	80	SeNFord	555	162
Duval	7,965	2,776	Manatee	682	371	White	254	89
White	5,767	1,741	White	455	501	Nonwhite	321	73
Nonwhite	2,216	1,035	Nonwhite	247	70	Balance of county	104	30
Jacksonville	7,009	2,407	Marion	892	482	White	13	80
White	4,925	1,444	White	532	257	Nonwhite	91	40
Nonwhite	2,084	963	Nonwhite	360	205	Sumter	154	64
Balance of county	974	363	White	145	86	White	68	33
White	842	297	Nonwhite	97	53	Nonwhite	86	31
Nonwhite	132	72	Monroe	48	33	Suwannee	471	169
Escambia	3,729	924	White	735	196	White	306	111
White	3,001	647	Nonwhite	643	150	Nonwhite	165	58
Nonwhite	728	277	Key West	90	48	Taylor	177	84
Pensacola	2,338	468	White	888	178	White	113	47
White	1,817	294	Nonwhite	578	134	Nonwhite	64	37
Nonwhite	501	172	Balance of county	90	44	Union	80	58
Balance of county	1,411	459	White	65	18	White	38	33
White	1,184	353	Nonwhite	65	16	Nonwhite	42	25
Nonwhite	227	105	Massau	308	111	Volusia	1,400	926
Flagler	49	22	White	170	60	White	889	724
White	4	8	Nonwhite	138	51	Nonwhite	411	202
Nonwhite	45	14	Okaloosa	798	145	Daytona Beach	854	500
Franklin	152	39	White	39	22	White	667	389
White	108	26	Nonwhite	29	14	Nonwhite	187	111
Nonwhite	44	13	Orange	10	8	Balance of county	546	426
Gadsden	1,021	679	White	2,558	1,128	White	322	335
White	566	358	Nonwhite	1,843	917	Nonwhite	224	81
Nonwhite	655	341	White	616	209	Wakulla	80	33
Gilchrist	39	13	Nonwhite	2,154	850	White	36	16
White	32	10	White	1,793	717	Nonwhite	44	17
Nonwhite	7	3	Balance of county	366	133	Walton	585	130
Glades	20	8	White	405	276	White	317	102
White	10	5	Nonwhite	155	200	Nonwhite	68	28
Nonwhite	10	3	Osceola	250	76	Washington	170	89
Gulf	163	88	White	205	199	White	105	47
White	126	32	Nonwhite	55	164	Nonwhite	65	22
Nonwhite	37	36	Palm Beach	152	35	GEORGIA		
Hamilton	205	69	White	2,300	1,138		93,675	29,704
White	89	33	Nonwhite	1,397	621	White	38,811	17,540
Nonwhite	136	36	White	903	317	Nonwhite	34,864	12,164
Hardee	193	111	Nonwhite	1,428	660	Appling	283	63
White	76	41	White	1,067	500	White	167	47
Nonwhite	47	26	Nonwhite	362	160	Nonwhite	116	16
Henry	29	15	Balance of county	871	478	Atkinson	125	36
White	221	81	White	330	321	White	65	19
Nonwhite	176	67	Nonwhite	541	157	Nonwhite	60	17
Balance of county	45	14	Pasco	335	185	Bacon	368	65
White	349	157	White	263	147	White	330	54
Nonwhite	257	108	Nonwhite	72	38	Nonwhite	39	11
Highlands	92	49	Pinellas	2,584	2,448	Baker	145	16
White	5,577	2,468	White	1,900	2,260	White	7	4
Nonwhite	257	108	Nonwhite	484	188	Nonwhite	139	12
Hillsborough	92	49	St. Petersburg	1,713	1,573	Baldwin	503	944
White	4,654	1,882	White	1,380	1,445	White	255	490
Nonwhite	953	606	Nonwhite	335	128	Nonwhite	248	454
Tampa	3,979	1,607	Clearwater	489	257	Banks	80	23
White	3,271	1,234	White	397	218	Barrow	107	80
Nonwhite	708	373	Nonwhite	92	41	White	41	63
Balance of county	1,598	861	Balance of county	182	616	Nonwhite	66	17
White	1,353	628	Polk	2,619	1,071	Bartow	709	193
Nonwhite	245	233	White	1,923	618	White	590	147
Holmes	307	73	Nonwhite	695	253	Nonwhite	119	46
Indian River	265	120	Lakeland	862	356	Ben Hill	449	111
White	168	85	White	799	275	White	300	70
Nonwhite	97	25	Nonwhite	153	61	Nonwhite	149	45
Jackson	822	324	Balance of county	1,757	735	Berrien	232	94
White	603	188	White	1,214	543	White	180	76
Nonwhite	319	136	Nonwhite	543	192	Nonwhite	52	18
Jefferson	304	117						
White	70	32						
Nonwhite	234	85						

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
GEORGIA—Continued			GEORGIA—Continued			GEORGIA—Continued		
Bibb	3,467	1,159	Cook	287	92	Fulton—Continued		
White	2,142	675	White	185	60	Balance of county	527	693
Nonwhite	1,325	484	Nonwhite	102	32	White	439	497
Macon	3,403	1,025	Coweta	880	245	Nonwhite	88	196
White	2,141	597	White	494	154	Gilmer	277	65
Nonwhite	1,262	428	Nonwhite	386	91	Glascocock	61	23
Balance of county	64	154	Crawford	121	49	White	25	13
White	1	78	White	4	18	Nonwhite	36	10
Nonwhite	63	56	Nonwhite	117	31	Glynn	809	269
Bleckley	160	59	Crisp	443	170	White	535	146
White	58	27	White	182	74	Nonwhite	274	143
Nonwhite	102	32	Nonwhite	261	96	Brunswick	753	241
Brantley	133	37	Dade	237	35	White	520	121
White	94	30	Dawson	32	15	Nonwhite	233	120
Nonwhite	39	7	Decatur	701	205	Balance of county	56	48
Brooks	592	169	White	337	85	White	15	25
White	237	75	Nonwhite	364	122	Nonwhite	41	23
Nonwhite	355	96	De Kalb	2,152	1,042	Gordon	351	134
Bryan	111	49	White	1,996	886	Grady	527	155
White	25	19	Nonwhite	156	156	White	287	94
Nonwhite	86	30	Atlanta (part)	8	133	Nonwhite	240	61
Bulloch	703	130	White	1	120	Greene	294	100
White	399	84	Nonwhite	7	13	White	87	34
Nonwhite	304	46	Decatur	28	105	Nonwhite	207	66
Burke	685	231	White	1	82	Gwinnett	728	178
White	40	50	Nonwhite	27	23	White	639	143
Nonwhite	625	181	Balance of county	2,116	804	Nonwhite	89	32
Butts	140	79	White	1,994	684	Habersham	402	102
White	34	35	Nonwhite	122	120	Hall	959	249
Nonwhite	106	44	Dodge	477	114	Cadesville	764	147
Calhoun	346	85	White	283	86	White	658	106
White	81	21	Nonwhite	194	28	Nonwhite	106	41
Nonwhite	265	62	Dooly	407	98	Balance of county	235	102
Camden	138	40	White	140	44	Hancock	317	74
White	22	12	Nonwhite	267	54	White	27	15
Nonwhite	116	28	Dougherty	1,464	391	Nonwhite	280	59
Candler	297	52	White	830	174	Haralson	251	84
White	185	33	Nonwhite	634	217	White	217	82
Nonwhite	112	19	Albany	1,332	341	Nonwhite	34	12
Carroll	928	255	White	627	162	Harris	227	76
White	742	200	Nonwhite	505	179	White	26	24
Nonwhite	186	55	Balance of county	132	50	Nonwhite	201	52
Catoosa	266	61	White	3	12	Hart	105	73
Charlton	186	43	Nonwhite	129	38	White	24	40
White	140	27	Douglas	284	88	Nonwhite	81	33
Nonwhite	46	16	White	228	49	Heard	137	45
Chatham	3,989	1,620	Nonwhite	56	19	White	88	31
White	2,432	764	Early	529	186	Nonwhite	49	14
Nonwhite	1,557	856	White	219	81	Henry	329	111
Savannah	3,823	1,425	Nonwhite	310	85	White	85	43
White	2,429	692	White	50	11	Nonwhite	244	68
Nonwhite	1,394	733	White	21	6	Houston	442	125
Balance of county	186	195	Nonwhite	29	5	White	147	50
White	3	72	Effingham	258	67	Nonwhite	295	75
Nonwhite	163	123	White	103	32	Irwin	408	93
Chattahoochee	1,293	70	Nonwhite	155	35	White	237	60
White	1,094	49	Elbert	463	176	Nonwhite	171	33
Nonwhite	199	21	White	257	85	Jackson	562	139
Chattooga	528	125	Nonwhite	206	91	White	459	118
Cherokee	490	155	Emanuel	477	151	Nonwhite	103	21
Clarke	1,483	464	White	241	91	Jasper	187	58
White	1,199	292	Nonwhite	236	60	White	30	22
Nonwhite	284	172	Evans	168	28	Nonwhite	157	38
Athens	1,429	418	White	93	12	Jeff Davis	291	68
White	1,191	271	Nonwhite	75	16	White	220	54
Nonwhite	238	147	Fannin	352	89	Nonwhite	71	14
Balance of county	54	46	Fayette	96	41	Jefferson	603	144
White	6	21	White	30	21	White	219	69
Nonwhite	48	25	Nonwhite	66	20	Nonwhite	384	75
Clay	193	55	Floyd	1,633	674	Jenkins	355	123
White	35	9	White	1,418	478	White	287	56
Nonwhite	158	46	Nonwhite	215	196	Nonwhite	248	73
Clayton	125	79	Rome	1,568	588	Johnson	217	42
White	31	57	White	1,340	290	White	64	24
Nonwhite	94	22	Nonwhite	228	98	Nonwhite	153	18
Clinch	256	45	Balance of county	125	286	Jones	152	56
White	152	27	White	78	188	White	21	19
Nonwhite	84	18	Nonwhite	47	98	Nonwhite	131	37
Cobb	1,170	415	Forsyth	322	64	Lamar	244	72
White	987	328	Franklin	471	79	White	68	38
Nonwhite	183	85	White	415	61	Nonwhite	176	34
Coffee	795	181	Nonwhite	56	18	Lanier	89	27
White	585	117	Fulton	15,186	4,863	White	30	20
Nonwhite	210	64	White	10,327	2,676	Nonwhite	39	7
Colquitt	1,095	240	Atlanta (part) ³	4,659	1,987	Laurens	1,059	457
White	805	152	White ³	14,649	4,097	White	613	253
Nonwhite	292	88	Nonwhite ³	10,082	2,321	Nonwhite	446	194
Moultrie	920	159	Atlanta (total) ³	4,567	1,776	Lee	170	49
White	755	90	White ³	14,657	4,250	White	9	7
Nonwhite	165	69	Nonwhite ³	10,083	2,441	Nonwhite	161	42
Balance of county	175	81	District 1511, Center Hill ³	4,574	1,789	Liberty	222	71
White	48	62	White	---	---	White	53	21
Nonwhite	127	19	Nonwhite ³	---	---	Nonwhite	169	50
Columbia	162	58	East Point	10	73	Lincoln	115	27
White	15	27	White	8	58	White	23	12
Nonwhite	147	29	Nonwhite	4	15	Nonwhite	92	15

³Figures for District 1511, Center Hill, are included in those for Atlanta.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.-LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949-Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
GEORGIA--Continued			GEORGIA--Continued			GEORGIA--Continued		
Long-----	99	33	Richmond--Continued			Ware--Continued		
White-----	52	14	Balance of county-----	598	185	Balance of county-----	115	59
Nonwhite---	47	19	White-----	524	122	White-----	84	52
Lowndes-----	1,251	314	Nonwhite---	74	63	Nonwhite---	31	7
White-----	800	195	Rockdale-----	102	55	Warren-----	213	69
Nonwhite---	451	119	White-----	29	40	White-----	12	15
Valdosta-----	900	209	Nonwhite---	74	15	Nonwhite---	201	55
White-----	627	123	Schley-----	9	8	Washington-----	629	207
Nonwhite---	273	86	White-----	9	8	White-----	220	89
Balance of county-----	351	105	Nonwhite---	64	17	Nonwhite---	409	116
White-----	178	72	Sareven-----	450	89	Wayne-----	604	163
Nonwhite---	173	33	White-----	64	29	White-----	507	121
Lumpkin-----	119	39	Nonwhite---	386	59	Nonwhite---	97	42
McDuffie-----	192	73	Seminole-----	407	112	Webster-----	109	22
White-----	22	24	White-----	253	71	White-----	14	8
Nonwhite---	170	49	Nonwhite---	154	41	Nonwhite---	95	14
McIntosh-----	152	46	Spaulding-----	933	273	Wheeler-----	107	45
White-----	20	12	White-----	654	176	White-----	42	16
Nonwhite---	132	34	Nonwhite---	279	97	Nonwhite---	65	29
Macon-----	446	130	Griffin-----	201	80	White-----	106	34
White-----	147	24	White-----	630	122	Whitfield-----	1,028	287
Nonwhite---	299	106	Nonwhite---	190	79	Dalton-----	971	179
Madison-----	194	74	Balance of county-----	113	72	White-----	925	156
White-----	108	53	White-----	44	54	Nonwhite---	46	23
Nonwhite---	86	21	Nonwhite---	89	18	Balance of county-----	57	79
Marion-----	172	70	Stephens-----	520	101	Wilcox-----	177	61
White-----	25	29	White-----	446	83	White-----	64	36
Nonwhite---	147	41	Nonwhite---	74	18	Nonwhite---	113	25
Meriwether-----	525	159	Stewart-----	235	71	Wilkes-----	542	143
White-----	179	62	White-----	19	21	White-----	305	76
Nonwhite---	346	97	Nonwhite---	216	50	Nonwhite---	237	67
Miller-----	258	60	Sumter-----	933	269	Wilkinson-----	223	76
White-----	152	42	White-----	453	120	White-----	64	24
Nonwhite---	106	18	Nonwhite---	480	149	Nonwhite---	189	52
Mitchell-----	719	192	Talbot-----	245	76	Worth-----	454	134
White-----	281	76	White-----	42	22	White-----	94	55
Nonwhite---	438	116	Nonwhite---	203	54	Nonwhite---	360	79
Monroe-----	280	70	Taliaferro-----	76	52			
White-----	122	28	White-----	2	15	IDAHO-----	15,757	4,572
Nonwhite---	158	42	Nonwhite---	74	37	White-----	15,534	4,462
Montgomery-----	95	27	Tattnell-----	357	97	Nonwhite---	223	90
White-----	20	19	White-----	234	44	Ada-----	1,952	601
Nonwhite---	76	8	Nonwhite---	123	43	Boise City-----	1,949	447
Morgan-----	313	104	Taylor-----	255	80	Balance of county-----	4	154
White-----	120	44	White-----	112	36	Adams-----	122	35
Nonwhite---	193	60	Nonwhite---	143	44	Bannock-----	1,374	286
Murray-----	114	49	Telfair-----	334	94	Pocatello-----	1,365	255
Muscogee-----	2,707	682	White-----	201	47	Balance of county-----	9	31
White-----	1,794	508	Nonwhite---	133	37	Bear Lake-----	110	40
Nonwhite---	913	354	Terrell-----	364	123	Bonewah-----	117	53
Columbus-----	2,558	763	White-----	30	20	Bingham-----	507	189
White-----	1,778	450	Nonwhite---	334	103	Blaine-----	145	52
Nonwhite---	780	313	Thomas-----	916	347	Boise-----	3	12
Balance of county-----	149	99	White-----	477	165	Bonner-----	243	119
White-----	16	58	Nonwhite---	439	162	Bonneville-----	1,146	251
Nonwhite---	133	41	Thomasville-----	561	242	Idaho Falls-----	1,144	225
Newton-----	573	170	White-----	347	125	Balance of county-----	2	26
White-----	314	89	Nonwhite---	214	117	Boundary-----	142	69
Nonwhite---	259	81	Balance of county-----	355	105	Butte-----	8	6
Oconee-----	94	36	White-----	130	60	Camas-----	3	3
White-----	33	23	Nonwhite---	225	45	Canyon-----	1,528	457
Nonwhite---	61	13	Tift-----	653	218	Hampa-----	1,062	235
Oglethorpe-----	154	60	White-----	604	142	Balance of county-----	466	222
White-----	9	20	Nonwhite---	284	76	Caribou-----	220	41
Nonwhite---	125	40	Toombs-----	600	169	Cassia-----	424	91
Paulding-----	224	99	White-----	439	94	Clark-----	2	4
White-----	182	83	Nonwhite---	161	75	Clearwater-----	170	98
Nonwhite---	42	16	Town-----	86	20	Custer-----	159	19
Peach-----	330	92	Treutlen-----	134	30	Elmore-----	50	33
White-----	132	24	White-----	64	19	Franklin-----	290	54
Nonwhite---	198	68	Nonwhite---	70	11	Fremont-----	270	74
Pickens-----	246	89	Troup-----	1,580	447	Gen-----	204	67
Pierce-----	137	71	White-----	984	265	Gooding-----	719	100
White-----	69	47	Nonwhite---	596	182	Idaho-----	313	103
Nonwhite---	68	24	La Grange-----	908	255	Jefferson-----	260	56
Pike-----	237	80	White-----	639	159	Jerome-----	6	31
White-----	94	46	Nonwhite---	269	96	Kootenai-----	499	245
Nonwhite---	143	34	Balance of county-----	672	192	Coeur d'Alene-----	413	180
Folk-----	722	206	White-----	345	106	Balance of county-----	86	85
White-----	562	160	Nonwhite---	327	86	Latah-----	663	158
Nonwhite---	160	46	Turner-----	187	55	Lewis-----	144	53
Fulaski-----	351	93	White-----	47	26	Lewis-----	4	24
White-----	192	51	Nonwhite---	140	29	Lincoln-----	4	16
Nonwhite---	159	42	Twiggs-----	200	66	Madison-----	322	56
Putnam-----	237	69	White-----	11	19	Mindoka-----	274	67
White-----	93	32	Nonwhite---	189	47	Nez Perce-----	763	228
Nonwhite---	144	57	Union-----	118	35	Lewiston-----	758	200
Quitman-----	78	27	Upson-----	665	176	Balance of county-----	5	28
White-----	7	8	White-----	440	103	Oneida-----	137	21
Nonwhite---	71	19	Nonwhite---	225	73	Owyhee-----	7	27
Rabun-----	305	27	Walker-----	732	169	Payette-----	150	79
Randolph-----	488	156	White-----	551	179	Power-----	144	38
White-----	184	58	Nonwhite---	331	115	Shoshone-----	657	201
Nonwhite---	324	97	Ware-----	220	64	Teton-----	104	13
Richmond-----	3,505	1,312	White-----	1,012	348	Twin Falls-----	1,224	304
White-----	2,342	771	Nonwhite---	793	236	Twin Falls-----	1,203	213
Nonwhite---	1,163	541	Balance of county-----	219	112	Balance of county-----	21	91
Augusta-----	2,907	1,127	Weycross-----	897	269	Valley-----	91	27
White-----	1,818	649	White-----	709	184	Washington-----	187	74
Nonwhite---	1,089	478	Nonwhite---	188	105	Yellowstone National Park (part)---	-	-

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 45)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
ILLINOIS-----			ILLINOIS—Continued			ILLINOIS—Continued		
White-----	167,608	95,476	Kankakee-----	1,563	1,503	Vermilion—Continued		
Nonwhite-----	18,150	7,533	Kankakee-----	1,496	392	Balance of county-----	28	402
Adams-----	1,578	942	Balance of county-----	65	1,111	Wabash-----	145	125
Quincy-----	1,857	725	Kendall-----	2	45	Warren-----	585	282
Balance of county-----	21	217	Knox-----	1,236	612	Washington-----	33	83
Alexander-----	727	315	Galesburg-----	1,227	491	Wayne-----	201	154
White-----	615	204	Balance of county-----	11	121	White-----	204	151
Nonwhite-----	112	109	Lake-----	4,257	1,511	Whiteside-----	1,177	412
Cairo-----	665	257	Waukegan-----	984	263	Sterling-----	777	196
White-----	99	166	Highland Park-----	369	119	Balance of county-----	400	216
Nonwhite-----	90	91	Balance of county-----	2,904	1,129	Will-----	2,616	1,288
Balance of county-----	42	56	La Salle-----	2,349	1,095	Joliet-----	2,784	878
White-----	20	39	La Salle-----	395	130	Balance of county-----	32	410
Nonwhite-----	22	18	Ottawa-----	728	217	Williamson-----	832	598
Bond-----	13	97	Streator-----	828	263	Winnebago-----	5,671	1,325
Boone-----	500	205	Balance of county-----	398	435	Rockford-----	5,584	1,014
Brown-----	29	74	Lawrence-----	81	126	Balance of county-----	87	311
Bureau-----	888	467	Lee-----	699	487	Woodford-----	23	140
Calhoun-----	40	50	Dixon-----	575	175			
Carroll-----	342	153	Balance of county-----	124	292			
Case-----	366	169	Livingston-----	723	437			
Champaign-----	2,759	790	Logan-----	593	360			
Champaign-----	992	326	Lincoln-----	264	264			
Urbana-----	1,607	238	Balance of county-----	11	116			
Balance of county-----	160	228	McDonough-----	709	379			
Christian-----	965	400	McHenry-----	762	474			
Clark-----	68	159	McLeary-----	1,961	955			
Clay-----	174	96	Bloomington-----	1,747	655	Adams-----	784	198
Clinton-----	413	200	Balance of county-----	214	320	Allen-----	5,139	1,841
Centralia (part)-----	1	1	Macon-----	2,691	1,030	Port Wayne-----	5,064	1,534
Balance of county-----	412	199	Decatur-----	2,682	904	Balance of county-----	75	307
Coles-----	1,106	464	Balance of county-----	9	126	Bartholomew-----	876	353
Mattoon-----	734	223	Macoupin-----	264	370	Columbus-----	862	218
Balance of county-----	372	241	Madison-----	4,095	1,698	Balance of county-----	14	135
Cook-----	96,457	46,942	Alton-----	1,998	492	Benton-----	22	66
Chicago-----	78,565	37,782	Granite City-----	1,065	257	Blackford-----	326	134
White-----	63,165	32,460	Balance of county-----	1,052	947	Boone-----	673	261
Nonwhite-----	15,400	5,322	Marion-----	1,196	497	Brown-----	58	48
Berwyn-----	1,881	588	Centralia (part)-----	759	255	Carroll-----	18	123
Cicero-----	12	345	Centralia (total)-----	438	242	Cass-----	1,098	616
Elgin (part)-----	-	6	Balance of county-----	8	100	Logansport-----	1,092	353
Swanston-----	3,940	1,036	Marshall-----	42	82	Balance of county-----	4	265
Maywood-----	6	154	Mason-----	187	183	Clark-----	892	351
Oak Park-----	4,606	937	Massac-----	165	161	Jeffersonville-----	807	212
Blue Island-----	940	253	White-----	24	22	White-----	752	179
Brookfield-----	-	65	Nonwhite-----	32	55	Nonwhite-----	55	35
Calumet City-----	4	58	Menard-----	19	92	Balance of county-----	83	139
Chicago Heights-----	1,281	280	Mercer-----	4	95	Clay-----	497	282
Elmwood Park-----	2	57	Monroe-----	4	85	Clinton-----	602	283
Forest Park-----	1	111	Montgomery-----	1,022	503	Frankfort-----	592	184
Harvey-----	1,087	193	Morgan-----	660	856	Balance of county-----	10	99
La Grange-----	1	52	Jacksonville-----	640	753	Crawford-----	132	96
Melrose Park-----	575	166	Balance of county-----	20	103	Davies-----	910	335
Park Ridge-----	1	75	Moultrie-----	37	110	Dearborn-----	71	179
Wilmette-----	2	135	Ogle-----	405	266	Decatur-----	428	215
Winnetka-----	1	59	Peoria-----	5,235	2,043	De Kalb-----	722	281
Balance of county-----	3,572	4,620	Balance of county-----	5,164	1,424	Delaware-----	2,281	887
Crawford-----	427	243	Perry-----	71	619	Muncie-----	2,270	688
Cumberland-----	74	96	Fiatt-----	492	210	Balance of county-----	11	189
De Kalb-----	994	421	Fike-----	200	80	Dubois-----	744	192
De Witt-----	245	185	Folk-----	344	250	Elkhart-----	2,256	818
Douglas-----	387	154	Folsom-----	57	57	Eikhart-----	1,551	408
Du Page-----	2,192	1,107	Fulaski-----	128	149	Goshen-----	867	179
Elmhurst-----	1,630	308	White-----	48	75	Balance of county-----	58	251
Balance of county-----	562	789	Nonwhite-----	80	74	Fayette-----	629	198
Edgar-----	451	296	Putnam-----	1	30	Connersville-----	620	167
Edwards-----	56	59	Randolph-----	796	317	Balance of county-----	9	51
Effingham-----	637	255	Richland-----	630	241	Floyd-----	1,458	525
Fayette-----	553	239	Rock Island-----	3,455	1,499	New Albany-----	1,400	422
Ford-----	242	132	Rock Island-----	2,315	558	Balance of county-----	58	103
Franklin-----	704	410	East Moline-----	1,068	442	Fountain-----	56	133
West Frankfort-----	23	118	Balance of county-----	4	336	Franklin-----	67	116
Balance of county-----	681	292	St. Clair-----	68	163	Fulton-----	398	210
Fulton-----	853	458	White-----	4,369	1,919	Gibson-----	857	374
Canton-----	824	278	Nonwhite-----	4,122	1,632	Grant-----	1,476	654
Balance of county-----	29	182	Belleville-----	1,277	287	Balance of county-----	1,452	347
Gallatin-----	111	90	East St. Louis-----	2,601	998	Greene-----	44	287
Greene-----	525	185	White-----	1,275	496	Hamilton-----	534	336
Grundy-----	346	157	Nonwhite-----	2,601	998	Hancock-----	459	271
Hamilton-----	220	116	Balance of county-----	2,422	779	Hancock-----	51	175
Hancock-----	183	190	Saline-----	179	219	Harrison-----	243	161
Hardin-----	149	61	Balance of county-----	495	425	Hendricks-----	54	204
Henderson-----	12	48	Harrisburg-----	936	456	Henry-----	1,320	523
Henry-----	1,038	479	Balance of county-----	439	169	New Castle-----	9	119
Kewanee-----	753	251	Sangamon-----	497	287	Balance of county-----	1,311	411
Balance of county-----	285	228	Springfield-----	3,502	1,662	Howard-----	1,493	524
Iroquois-----	560	281	Balance of county-----	3,462	1,422	Kokomo-----	1,492	428
Jackson-----	1,060	398	Schuyler-----	121	79	Balance of county-----	11	269
Jasper-----	85	71	Scott-----	19	39	Huntington-----	719	162
Jefferson-----	1,003	417	Shelby-----	330	221	Balance of county-----	81	117
Mount Vernon-----	923	302	Stark-----	3	36	Jackson-----	821	295
Balance of county-----	80	115	Stephenson-----	1,241	527	Jasper-----	470	149
Jersey-----	52	110	Freeport-----	1,216	428	Jay-----	440	208
Jo. Daviess-----	36	167	Balance of county-----	23	99	Jefferson-----	601	372
Johnson-----	106	76	Tazewell-----	1,005	447	Jennings-----	121	168
Kane-----	5,040	2,269	Pekin-----	774	233	Johnson-----	545	277
Aurora-----	2,485	674	Balance of county-----	231	214	Knox-----	1,167	490
Elgin (part)-----	1,801	1,161	Union-----	433	474	Vincennes-----	1,128	319
Elgin (total)-----	1,801	1,167	Vermilion-----	2,103	1,103	Balance of county-----	59	171
Balance of county-----	756	434	Duquoin-----	2,075	701	Kosciusko-----	651	364
						Lagrange-----	100	116

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
INDIANA—Continued			IOWA—Continued			IOWA—Continued		
Lake	10,374	2,895	Black Hawk	3,142	884	Pottawattamie	1,857	785
Gary	5,226	1,223	Waterloo	1,680	455	Council Bluffs	1,842	686
White	4,039	896	Balance of county	1,462	429	Balance of county	15	98
Nonwhite	1,187	327	Boone	494	355	Poweshiek	456	210
East Chicago	2,244	529	Boone	490	228	Ringgold	22	69
White	1,863	453	Balance of county	4	127	Sac	177	110
Nonwhite	391	75	Bremer	430	153	Scott	2,737	1,020
Hammond	2,864	717	Buchanan	386	281	Davenport	2,729	904
Whiting	2	39	Buena Vista	585	165	Balance of county	8	116
Balance of county	39	388	Butler	131	112	Shelby	322	111
La Porte	2,145	808	Calhoun	292	143	Sioux	536	175
Michigan City	925	322	Carroll	1,082	249	Story	1,061	257
La Porte	1,198	338	Cass	401	171	Ames	1,401	152
Balance of county	22	148	Cedar	58	123	Balance of county	1,047	105
Lawrence	984	364	Cerro Gordo	1,523	519	Tama	89	160
Bedford	854	190	Mason City	1,489	407	Taylor	30	109
Balance of county	130	174	Balance of county	54	112	Union	671	218
Madison	2,585	920	Cherokee	546	289	Van Buren	33	99
Anderson	1,812	530	Chickasaw	378	123	Wapello	1,338	538
Elwood	658	159	Clarke	283	108	Ottawa	1,303	437
Balance of county	15	231	Clay	470	149	Balance of county	35	101
Marion	14,738	6,675	Clayton	342	186	Warren	221	146
White	12,946	5,756	Clinton	1,259	580	Washington	520	169
Nonwhite	1,792	919	Clinton	1,239	442	Wayne	107	115
Indianapolis	12,645	5,642	Balance of county	20	158	Webster	1,983	521
White	10,858	4,793	Crawford	372	147	Fort Dodge	1,963	425
Nonwhite	1,785	849	Dallas	407	216	Balance of county	20	96
Balance of county	2,068	1,033	Davis	52	65	Winnebago	508	113
Marshall	683	309	Decatur	290	152	Winneshek	468	224
Martin	101	57	Delaware	350	155	Woodbury	3,348	1,285
Miami	657	365	Des Moines	1,153	553	Sioux City	3,248	1,157
Peru	639	248	Burlington	1,150	479	Balance of county	99	128
Balance of county	18	117	Balance of county	3	79	Worth	18	70
Monroe	1,086	354	Dickinson	171	117	Wright	218	152
Bloomington	1,037	237	Dubugue	2,220	859			
Balance of county	59	117	Dubugue	2,049	734	KANSAS	42,503	18,940
Montgomery	847	370	Balance of county	171	125			
Crawfordsville	836	240	Emet	672	133			
Balance of county	11	130	Fayette	618	284	White	40,382	17,866
Morgan	368	192	Floyd	585	195	Nonwhite	2,141	1,074
Newton	11	70	Franklin	503	149			
Noble	798	309	Fremont	246	131	Allen	406	249
Ohio	14	41	Greens	434	157	Anderson	176	107
Orange	307	158	Grundy	34	78	Atchison	435	254
Owen	64	109	Guthrie	59	127	Atchison	433	190
Purke	63	168	Hamilton	486	156	White	417	171
Perry	395	136	Hancock	40	77	Nonwhite	16	19
Pike	52	104	Hardin	549	198	Balance of county	2	64
Porter	787	321	Harrison	275	120	Barber	218	71
Posey	171	147	Henry	354	302	Barton	1,199	248
Pulaski	199	85	Howard	302	107	Bourbon	437	279
Pulmon	451	207	Humboldt	18	80	Fort Scott	421	246
Randolph	668	287	Ida	185	104	Balance of county	16	33
Ripley	1,171	267	Iowa	146	134	Brown	247	155
Rush	420	174	Jackson	211	187	Butler	515	232
St. Joseph	5,337	1,688	Jasper	490	235	El Dorado	506	152
South Bend	4,235	1,156	Newton	435	133	Balance of county	9	60
Wishnawaka	1,034	269	Balance of county	55	101	Chase	64	45
Balance of county	16	243	Jefferson	414	180	Chautauqua	92	60
Scott	456	76	Johnson	2,075	687	Cherokee	308	194
Shelby	684	302	Iowa City	2,057	737	Cheyenne	152	31
Shelbyville	670	176	Balance of county	18	131	Clark	106	30
Balance of county	16	126	Jones	580	189	Clay	283	156
Spencer	165	182	Keokuk	201	138	Cloud	560	247
Starke	136	118	Kossuth	432	184	Coffey	76	101
Steuben	363	182	Lee	1,453	604	Comanche	12	16
Sullivan	407	310	Fort Madison	574	205	Cowley	813	454
Switzerland	44	92	Keokuk	877	329	Arkansas City	362	131
Tippecanoe	2,722	617	Balance of county	2	70	Balance of county	451	323
Lafayette	2,718	652	Linn	2,663	1,036	Crawford	780	537
Balance of county	7	165	Cedar Rapids	2,632	611	Pittsburg	19	149
Tipton	63	100	Balance of county	31	227	Balance of county	761	368
Union	7	52	Louisa	12	68	Decatur	62	63
Vanderburgh	4,861	1,943	Lucas	182	142	Dickinson	375	218
Evansville	4,662	1,638	Lyon	178	78	Doniphan	121	78
Balance of county	199	305	Madison	63	96	Douglas	933	296
Vermillion	519	230	Manaska	898	326	Lawrence	925	223
Vigo	2,674	1,314	Osceola	862	233	Balance of county	8	73
Terre Haute	2,581	1,034	Balance of county	16	93	Edwards	5	21
Balance of county	63	280	Marion	221	223	Elk	10	42
Wabash	567	254	Marshall	1,143	443	Ellis	1,054	192
Warren	163	76	Marshalltown	1,113	330	Ellsworth	237	92
Warrick	126	161	Balance of county	30	113	Finney	822	144
Washington	218	150	Mills	60	103	Ford	911	250
Wayne	1,675	636	Mitchell	361	126	Franklin	478	230
Richmond	5	216	Monona	321	117	Ottawa	467	159
Balance of county	1,670	616	Monroe	199	118	Balance of county	11	71
Wells	460	221	Montgomery	451	154	Geny	984	195
White	46	100	Miscatine	716	365	Gove	101	27
Whitley	13	166	Miscatine	713	278	Graham	9	23
IOWA	62,897	26,308	Balance of county	3	87	Grant	8	14
White	62,339	26,050	O'Brien	465	185	Gray	47	24
Nonwhite	558	278	Osceola	276	60	Greeley	51	11
Adair	75	82	Page	714	382	Greenwood	212	121
Adams	13	55	Pale Alto	345	107	Hamilton	187	27
Allamakee	427	152	Plymouth	979	181	Harper	240	132
Appanoose	387	241	Pocahontas	211	87	Harvey	589	316
Auburn	70	65	Folk	6,217	2,443	Newton	561	187
Benton	431	199	Des Moines	6,199	2,231	Balance of county	28	131
			Balance of county	18	212	Haskell	2	8
						Hodgeman	2	9

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
KANSAS—Continued			KENTUCKY			KENTUCKY—Continued		
Jackson	212	130	75,412	27,764	Henderson—Continued			
Jefferson	17	81	White	71,393	24,427	Henderson	623	230
Jewell	23	70	Nonwhite	5,019	3,337	White	561	182
Johnson	167	261	Adair	302	130	Nonwhite	62	48
Kearny	69	13	Allen	272	127	Balance of county	103	86
Kingman	390	89	Anderson	104	79	White	75	75
Kiowa	18	19	Ballard	57	85	Nonwhite	28	11
Labette	639	337	Barren	1,086	401	Henry	79	95
Parsons	12	149	Bath	138	81	Hickman	84	74
Balance of county	627	188	Beall	1,699	469	White	66	61
Lane	2	11	Middlesborough	740	204	Nonwhite	18	13
Leavenworth	1,052	705	Balance of county	959	265	Eopkins	871	356
White	970	616	Boone	97	101	White	794	306
Nonwhite	82	89	Bourbon	407	171	Nonwhite	77	50
Leavenworth	654	278	White	354	121	Jackson	223	74
White	577	252	Nonwhite	53	50	Jefferson	13,420	5,628
Nonwhite	57	26	Boyd	1,464	437	White	11,731	4,572
Balance of county	418	427	Ashland	1,424	344	Nonwhite	1,689	1,056
Lincoln	21	52	Balance of county	40	95	Louisville	13,190	4,563
Linn	62	98	Boyle	790	302	White	11,518	3,702
Logan	8	17	White	737	240	Nonwhite	1,672	861
Lyon	846	346	Nonwhite	53	62	Balance of county	230	1,055
Emporia	834	295	Bracken	110	70	Jessamine	119	86
Balance of county	12	51	Breathitt	495	75	White	104	74
McPherson	446	203	Breckinridge	376	153	Nonwhite	15	14
Marion	310	143	Bullitt	135	77	Johnson	893	201
Marshall	403	202	Butler	229	83	Kenton	3,738	1,288
Meade	127	49	Caldwell	305	135	Covington	3,698	1,087
Miami	304	263	White	287	115	Balance of county	40	201
Mitchell	429	145	Nonwhite	18	20	Knott	611	104
Montgomery	1,054	554	Calloway	502	177	Knox	767	249
Coffeyville	490	224	Campbell	808	690	Larue	247	69
White	437	168	Newport	18	178	Laurel	641	194
Nonwhite	43	36	Fort Thomas	2	97	Lawrence	443	140
Independence	479	165	Balance of county	708	415	Lee	133	67
White	438	171	Carlisle	46	62	Leslie	508	62
Nonwhite	41	14	Carroll	112	99	Letcher	1,232	279
Balance of county	95	145	Carter	641	160	Lewis	344	96
Morris	112	97	Casey	362	103	Lincoln	465	130
Morton	81	20	Christian	1,280	727	Livingston	71	79
Neosho	380	147	White	908	514	Logan	487	236
Neosho	317	227	Nonwhite	292	213	White	421	210
Chanute	267	170	Hopkinsville	758	281	Nonwhite	66	26
Balance of county	50	57	White	602	174	Lyon	79	64
Ness	90	25	Nonwhite	186	107	White	75	61
Norton	287	144	Balance of county	522	446	Nonwhite	4	3
Osage	57	110	Clark	336	340	McCracken	1,214	654
Osborne	29	58	White	136	106	White	1,068	527
Ottawa	8	64	Nonwhite	436	205	Nonwhite	126	127
Pawnee	91	161	White	407	166	Paducah	1,127	536
Phillips	160	75	Nonwhite	29	39	White	1,011	420
Pottawatomie	274	124	Clay	1,240	115	Nonwhite	116	118
Prett	322	85	Clinton	267	58	Balance of county	87	118
Rauline	11	26	Crittenden	252	119	McCreary	297	96
Rego	1,217	537	Cumberland	153	85	McLean	112	75
Butchinson	1,204	476	Daviess	1,862	633	Madison	1,032	530
Balance of county	13	111	Owensboro	1,656	522	White	967	279
Republic	116	116	Balance of county	206	111	Nonwhite	65	51
Rice	296	123	Edmonson	185	61	Magoffin	360	70
Riley	751	219	Elliott	183	29	Marion	865	189
Manhattan	751	167	Estill	307	105	Marshall	139	118
Balance of county	52	52	Fayette	2,757	1,468	Martin	329	56
Roos	100	45	White	2,373	576	Mason	809	280
Rush	93	60	Nonwhite	364	376	White	769	243
Russell	310	89	Lexington	2,685	1,240	Nonwhite	40	37
Saline	1,256	373	White	2,327	906	Meade	170	55
Salina	1,025	329	Nonwhite	356	334	Menifee	167	34
Balance of county	231	44	Balance of county	74	228	Mercer	291	146
Scott	150	37	White	46	186	Metcalfe	164	61
Scagrick	5,980	1,980	Nonwhite	28	42	Monroe	306	115
Wichita	5,668	1,658	Fleming	174	126	Montgomery	482	135
Balance of county	189	322	Floyd	1,564	297	White	456	119
Seward	504	106	Franklin	699	297	Nonwhite	26	17
Shawnee	2,625	1,322	Frankfort	690	213	Morgan	355	108
Topeka	2,578	907	White	646	196	Muhlenberg	939	279
Balance of county	47	415	Nonwhite	44	17	Nelson	425	116
Sheridan	115	23	Fulton	480	172	Nicholas	97	67
Sherman	265	70	White	382	129	Ohio	363	153
Smith	175	89	Nonwhite	98	43	Oldham	339	134
Stafford	158	55	Callatin	43	38	White	321	125
Stanton	14	5	Garrard	96	85	Nonwhite	18	9
Stevens	6	17	White	68	72	Owen	59	59
Sumner	427	217	Nonwhite	28	13	Owley	98	29
Thomas	390	89	Grant	149	85	Pendleton	104	80
Trago	10	21	Graves	589	308	Ferry	1,836	328
Wabash	14	57	Grayson	377	132	Pike	2,417	438
Wallace	4	4	Green	230	84	Fowell	190	49
Washington	14	88	Greeneup	305	142	Pulaski	1,274	314
Wichita	10	10	Hancock	64	51	Robertson	26	26
Wilson	250	263	Hardin	1,453	277	Rockcastle	242	74
Woodson	77	85	Harlan	2,296	517	Rowan	248	58
Wyandotte	4,203	1,819	White	2,116	459	Russell	186	79
White	3,166	1,437	Nonwhite	180	58	Scott	296	128
Nonwhite	1,017	382	Harrison	285	176	White	264	105
Kansas City	4,180	1,679	Hart	328	120	Nonwhite	32	23
White	3,174	1,319	Henderson	726	316	Shelby	516	185
Nonwhite	1,006	360	White	636	257	White	444	147
Balance of county	23	140	Nonwhite	90	59	Nonwhite	72	38

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
KENTUCKY—Continued			LOUISIANA—Continued			LOUISIANA—Continued		
Simpson	289	122	East Baton Rouge—Continued			Rapides	3,240	1,072
White	239	99	Baton Rouge	3,822	816	White	1,828	597
Nonwhite	50	23	White	3,184	516	Nonwhite	1,412	475
Spencer	119	52	Nonwhite	638	300	Alexandria	1,255	318
Taylor	453	137	Balance of parish	290	198	White	1,153	218
Todd	167	125	White	14	59	Nonwhite	97	100
White	122	95	Nonwhite	276	139	Balance of parish	1,985	754
Nonwhite	45	30	East Carroll	505	153	White	670	379
Trigg	182	74	White	149	30	Nonwhite	1,315	375
White	149	60	Nonwhite	356	123	Red River	195	77
Nonwhite	33	14	East Feliciana	563	374	White	83	26
Trimble	38	31	White	116	171	Nonwhite	112	51
Union	413	167	Nonwhite	247	203	Richland	816	171
White	378	138	Evangeline	630	239	White	545	75
Nonwhite	35	29	White	404	168	Nonwhite	271	96
Warren	1,061	423	Nonwhite	226	71	Sabine	554	137
White	970	350	Franklin	919	189	White	404	100
Nonwhite	111	73	White	521	104	Nonwhite	150	37
Bowling Green	895	259	Nonwhite	398	85	St. Bernard	1	36
White	835	209	Grant	18	74	White	1	24
Nonwhite	60	50	White	8	51	Nonwhite	-	12
Balance of county	186	164	Nonwhite	10	23	St. Charles	27	64
Washington	85	75	Iberia	856	275	White	6	29
Wayne	461	102	White	609	159	Nonwhite	21	35
Webster	212	167	Nonwhite	247	106	St. Helena	54	51
White	186	145	New Iberia	585	154	White	13	23
Nonwhite	26	24	White	504	105	Nonwhite	41	28
Whitley	788	271	Nonwhite	81	49	St. James	382	129
Wolfe	224	69	Balance of parish	271	121	White	178	44
Woodford	264	118	White	105	64	Nonwhite	204	85
White	224	94	Nonwhite	166	57	St. John the Baptist	160	98
Nonwhite	40	24	Iherville	692	270	White	81	40
			White	370	108	Nonwhite	79	58
			Nonwhite	322	162	St. Landry	1,846	501
LOUISIANA	75,293	23,563	Jackson	443	96	White	1,060	228
White	45,163	13,657	White	238	52	Nonwhite	786	273
Nonwhite	30,130	9,906	Nonwhite	205	44	St. Martin	585	151
Acadia	1,400	309	Jefferson	291	423	White	385	50
White	1,104	268	White	252	340	Nonwhite	180	61
Nonwhite	296	91	Nonwhite	39	83	St. Mary	1,042	261
Allen	600	138	Gretna	18	73	White	658	130
White	482	96	White	10	48	Nonwhite	384	131
Nonwhite	118	42	Nonwhite	8	25	St. Tammany	146	162
Ascension	607	141	Balance of parish	273	350	White	49	105
White	429	62	White	242	292	Nonwhite	97	57
Nonwhite	178	79	Nonwhite	31	58	Tangipahoa	1,570	368
Assumption	391	135	Jefferson Davis	717	184	White	999	227
White	200	70	White	572	142	Nonwhite	671	141
Nonwhite	191	65	Nonwhite	145	42	Tensas	337	96
Avoyellen	832	229	Lafayette	3,090	685	White	92	17
White	614	150	White	1,268	349	Nonwhite	245	79
Nonwhite	218	79	Nonwhite	1,821	336	Terrebonne	1,085	252
Beauregard	452	138	Lafayette	2,971	574	White	991	171
White	121	18	White	1,197	281	Nonwhite	94	81
Nonwhite	87	18	Nonwhite	1,774	293	Union	298	118
Bienville	298	89	Balance of parish	111	111	White	147	72
White	117	41	White	72	66	Nonwhite	151	46
Nonwhite	181	48	Nonwhite	47	43	Vermilion	865	218
Bossier	591	177	Lafourche	1,030	229	White	784	193
White	464	78	White	923	177	Nonwhite	71	25
Nonwhite	127	99	Nonwhite	107	52	Vernon	349	120
Caddo	6,703	1,976	La Salle	293	62	White	289	98
White	3,382	858	White	268	53	Nonwhite	61	22
Nonwhite	3,321	1,024	Nonwhite	25	9	Washington	1,200	272
Shreveport	6,340	1,738	Lincoln	567	214	White	832	170
White	3,176	848	White	376	129	Nonwhite	368	102
Nonwhite	3,164	890	Nonwhite	211	85	Bogalusa	887	193
Balance of parish	363	240	Livingston	289	86	White	686	125
White	206	106	White	243	59	Nonwhite	201	68
Nonwhite	157	134	Nonwhite	46	27	Balance of parish	313	79
Calcasieu	2,610	610	Madison	450	154	White	146	45
White	1,963	417	White	91	30	Nonwhite	167	54
Nonwhite	647	193	Nonwhite	359	124	Webster	876	220
Lake Charles	1,834	354	Morehouse	989	233	White	611	133
White	1,412	222	White	465	80	Nonwhite	265	87
Nonwhite	422	132	Nonwhite	524	143	West Baton Rouge	121	74
Balance of parish	776	256	Natchitoches	935	265	White	6	25
White	551	195	White	423	120	Nonwhite	115	49
Nonwhite	225	61	Nonwhite	512	145	West Carroll	397	102
Caldwell	188	75	Orleans, coextensive with			White	288	73
White	153	57	New Orleans	21,508	7,550	Nonwhite	111	29
Nonwhite	35	18	White	12,184	4,784	West Feliciana	170	69
Cameron	39	39	Nonwhite	9,314	2,766	White	8	20
Catahoula	205	58	Nonwhite	2,842	1,008	Nonwhite	162	48
White	105	31	White	1,592	504	Winn	345	89
Nonwhite	100	27	Nonwhite	1,250	504	White	263	59
Claiborne	469	156	Monroe	1,410	432	Nonwhite	82	30
White	175	72	White	1,194	277			
Nonwhite	294	84	Nonwhite	218	155	MAINE		
Concordia	374	137	Balance of parish	1,432	576	White	21,573	10,013
White	171	41	White	398	227	Nonwhite	35	41
Nonwhite	203	96	Nonwhite	1,034	349	Androscoggin	2,185	881
De Soto	545	173	Plaquemines	244	60	Lewiston	2,049	633
White	209	69	White	160	32	Auburn	12	162
Nonwhite	336	85	Nonwhite	84	28	Balance of county	122	186
East Baton Rouge	4,112	1,014	Pointe Coupee	547	187			
White	3,198	575	White	247	66	Aroostook	2,872	770
Nonwhite	914	439	Nonwhite	300	121			

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
MAINE—Continued			MARYLAND—Continued			MASSACHUSETTS—Continued		
Cumberland	3,929	1,912	St. Marys	976	180	Middlesex—Continued		
Portland	3,247	1,210	White	791	119	Woburn	492	162
South Portland	4	127	Nonwhite	185	61	Balance of county	1,089	1,192
Northbrook	164	90	Somerset	294	251	Nantucket	76	70
Balance of county	514	485	White	134	144	Norfolk	5,997	3,503
Franklin	556	221	Nonwhite	160	107	Brookline (town)	1,920	595
Hancock	612	371	Talbot	692	301	Quincy	1,605	746
Kennebec	2,159	1,157	White	522	201	Braintree (town)	2	147
Angus	756	295	Nonwhite	170	100	Dedham (town)	6	123
Waterville	964	246	Washington	1,728	836	Milton (town)	55	151
Balance of county	459	615	Esgerstown	1,492	498	Needham (town)	153	101
Knock	622	367	Balance of county	234	340	Norwood (town)	894	248
Lincoln	276	252	Wiscamco	1,397	580	Wellesley (town)	1	84
Oxford	917	389	White	1,065	408	Weymouth (town)	1,286	313
Penobscot	5,010	1,313	Nonwhite	314	142	Balance of county	75	995
Bangor	1,950	770	Salisbury	1,322	350	Plymouth	3,654	1,947
Balance of county	1,050	543	White	1,045	280	Brookton	2,344	793
Piscataquis	473	189	Nonwhite	279	90	Plymouth (town)	420	182
Sagadahoc	329	232	Balance of county	75	200	Balance of county	890	972
Bath	316	149	White	40	148	Suffolk	21,749	12,077
Balance of county	13	85	Nonwhite	35	52	Boston	19,035	11,099
Somerset	692	370	Worcester	291	200	White	17,873	10,614
Waldo	332	233	White	95	122	Nonwhite	1,162	485
Washington	615	380	Nonwhite	196	78	Chester	1,622	579
York	2,031	938	MASSACHUSETTS			Revere	402	268
Biddeford	1,006	221	White	94,225	50,098	Wintrop (town)	890	131
Balance of county	1,025	717	Nonwhite	2,050	691	Worcester	10,864	6,010
MARYLAND						Worcester	5,705	2,616
	50,676	22,668	Barnstable	632	585	Fitchburg	1,168	486
White	39,484	17,376	Berkshire	2,894	1,400	Athol (town)	19	75
Nonwhite	11,212	4,632	Pittsfield	1,845	639	Clinton (town)	377	157
Allegany	2,432	959	Adams (town)	260	118	Gardner	857	326
Cumberland	1,892	617	North Adams	552	282	Leominster	538	224
Balance of county	540	342	Balance of county	336	361	Milford (town)	635	205
Anne Arundel	2,024	752	Bristol	7,762	4,306	Northbridge (town)	292	71
White	1,572	468	Fall River	3,110	1,511	Southbridge (town)	494	163
Nonwhite	452	284	New Bedford	2,040	1,216	Webster (town)	331	99
Annapolis	1,050	207	Taunton	1,084	605	Balance of county	452	1,588
White	890	136	Attleboro	331	87	MICHIGAN		
Nonwhite	168	71	Fairhaven (town)	-	87		143,609	53,094
Balance of county	986	545	North Attleborough (town)	-	69	White	13,090	4,056
Baltimore	692	332	Balance of county	72	489	Nonwhite		
White	284	213	Dulles	72	88	Alcona	80	36
Nonwhite	284	213	Essex	10,519	5,665	Alger	224	84
Baltimore (city)	751	1,635	Beverly	988	336	Allegan	973	436
District 12	193	76	Haverhill	2,166	591	Alpena	845	250
District 15	19	95	Lawrence	2,257	972	Balance of county	842	201
Balance of county	539	1,526	Lynn	1,380	1,112	Antrim	3	49
White	449	1,574	Salem	562	510	Arenac	82	106
Nonwhite	90	152	Amesbury (town)	-	129	Baraga	197	96
Baltimore (city)	28,689	11,529	Andover (town)	62	92	Barry	82	66
White	21,067	8,723	Danvers (town)	558	367	Bay City	528	290
Nonwhite	7,622	2,806	Gloucester	277	106	Balance of county	2,410	894
Calvert	328	112	Marblehead (town)	519	61	Benzie	103	691
White	141	55	Medford	396	196	Balance of county	2,307	193
Nonwhite	187	57	Newburyport	306	174	Benton Harbor	283	89
Caroline	149	145	Peabody	214	108	Barrien	2,853	1,057
White	84	28	Saugus (town)	-	85	Benton Harbor	1,216	251
Nonwhite	85	28	Swampscott (town)	224	85	Eries	765	153
Carroll	212	641	Balance of county	1,116	451	Balance of county	871	653
Cecil	571	408	Franklin	805	603	Branch	623	333
Charles	512	152	Greenfield (town)	311	251	Calhoun	3,409	1,332
White	251	83	Balance of county	8,525	3,522	Battle Creek	745	589
Nonwhite	261	69	Hampden	5,213	3,849	Balance of county	753	589
Dorchester	529	315	Springfield	3	285	Cass	414	298
White	297	202	Chicopee	2,021	697	Charlevoix	250	132
Nonwhite	232	111	Holyoke	607	255	Cheboygan	450	182
Cambridge	457	145	Hartford	1	107	Chippewa	824	259
White	264	86	West Springfield (town)	680	403	Saint Ste. Marie	755	218
Nonwhite	173	59	Balance of county	1,458	949	Balance of county	31	41
Balance of county	72	116	Hempshire	7	43	Clare	95	87
White	13	52	Easthampton (town)	2,076	598	Clinton	617	298
Nonwhite	59	52	Northampton	375	308	Crawford	315	69
Frederick	1,502	720	Balance of county	21,057	10,139	Delta	928	320
White	971	303	Middlesex	3,791	1,825	Essex	798	230
Nonwhite	531	417	Cambridge	3,019	1,356	Escanaba	140	90
Balance of county	295	142	Lowell	1,405	845	Balance of county	685	267
Garrett	1,475	396	Somerville	240	304	Dickinson	420	114
Harford	1,312	326	Arlington (town)	1	157	Balance of county	265	153
White	165	70	Belmont (town)	1,022	289	Eaton	532	324
Nonwhite	129	79	Everett	1,189	554	Everett	691	304
Howard	79	102	Malden	980	440	Genesee	7,589	2,136
White	50	20	Medford	792	316	Flint	7,068	1,616
Nonwhite	319	171	Melrose	1,454	674	Balance of county	303	520
Kent	253	126	Newton	1,905	481	Gladwin	272	77
White	86	45	Watertown (town)	4	185	Gogebic	715	308
Nonwhite	167	81	Wrentham (town)	1,103	505	Ironwood	263	95
Montgomery	3,723	1,503	Lexington (town)	3	237	Balance of county	452	213
White	3,414	1,149	Marlborough	489	172	Grand Traverse	1,015	580
Nonwhite	309	159	Mattick (town)	482	189	Traverse City	928	235
Prince Georges	1,516	879	Reading (town)	-	110	Balance of county	89	545
White	1,371	706	Stoneman (town)	629	196	Grandt	803	352
Nonwhite	145	173	Wakefield (town)	-	94	Hillsdale	526	345
Queen Annes	144	104	Winchester (town)	968	174	Houghton	920	662
White	61	75				Ruron	877	338
Nonwhite	83	29						

*Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headline on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
MICHIGAN—Continued			MICHIGAN—Continued			MINNESOTA—Continued		
Ingham	5,227	1,407	Wayne—Continued			Ramsey	10,355	3,707
Lansing	4,874	997	Ecorse	75	61	St. Paul	10,343	3,574
Balance of county	353	410	White	9	43	Balance of county	10	133
Ionia	590	326	Nonwhite	66	18	Red Lake	1	27
Iosco	164	83	Grosse Pointe Park	2	61	Redwood	378	141
Iron	445	226	Lincoln Park	5	40	Renville	20	101
Iosbelle	824	283	River Rouge	296	82	Rice	926	357
Jackson	2,644	1,128	White	17	45	Faribault	584	216
Jackson	2,556	767	Nonwhite	279	39	Balance of county	342	141
Balance of county	88	359	Balance of county	3,189	3,293	Rock	286	69
Kalamazoo	3,222	1,589	Wexford	688	227	Roseau	402	119
Kalamazoo	3,067	1,038				St. Louis	5,075	2,182
Balance of county	155	551				Duluth	5,231	1,299
Kalkaska	35	25	MINNESOTA			Hibbing	663	199
Kent	7,877	2,860		74,027	28,220	Virginia	603	181
Grand Rapids	6,311	1,875	White	73,218	27,885	Balance of county	570	504
Balance of county	1,566	985	Nonwhite	809	337	Scott	313	137
Keweenaw	-	26	Aitkin	194	86	Sherburne	61	60
Lake	21	49	Anoka	188	243	St. Cloud (part)	-	6
White	13	33	Becker	630	218	Balance of county	61	54
Nonwhite	8	16	Beltrami	795	242	Sibley	211	120
Lapeer	325	315	Benton	10	61	Stearns	2,806	671
Leelanau	7	57	St. Cloud (part)	1	8	St. Cloud (part)	2,147	383
Lenawee	1,861	598	Balance of county	9	53	St. Cloud (total)	2,146	397
Adrian	981	182	Big Stone	413	96	Balance of county	659	286
Balance of county	880	416	Blue Earth	1,229	366	Steele	607	160
Livingston	447	306	Mankato	1,224	286	Stevens	316	72
Luce	235	216	Balance of county	5	100	Swift	403	111
Mackinac	80	65	Brown	1,226	297	Todd	613	205
Macomb	2,714	1,010	Carlton	677	313	Traverse	145	43
Mount Clemens	2,431	341	Carver	451	330	Wabasha	509	153
St. Clair Shores	12	38	Cass	240	148	Wadena	451	134
Balance of county	271	651	Chippewa	400	136	Waseca	322	135
Manistee	348	215	Chicago	212	129	Washington	469	232
Marquette	1,170	585	Clay	670	186	Watsonwan	249	128
Marquette	758	264	Clearwater	177	87	Wilkin	623	142
Balance of county	412	321	Cook	5	24	Winona	891	317
Mason	449	240	White	4	22	Winona	884	225
Mecosta	352	218	Nonwhite	1	2	Balance of county	7	82
Menominee	625	270	Cottonwood	423	124	Wright	297	223
Menominee	488	172	Crow Wing	936	370	Yellow Medicine	575	154
Balance of county	137	98	Brainerd	695	230			
Midland	984	226	Balance of county	241	140	MISSISSIPPI		
Midland	947	129	Dakota	312	305	White	29,600	9,270
Balance of county	37	97	South St. Paul	4	41	Nonwhite	37,457	11,262
Missaukee	59	41	Balance of county	308	264	Adams	1,210	410
Monroe	1,555	590	Dodge	118	93	White	508	115
Monroe	1,505	298	Douglas	630	221	Nonwhite	702	295
Balance of county	50	262	Faribault	378	148	Natchez	490	220
Montcalm	1,094	546	Fillmore	366	184	White	367	97
Montmorency	18	18	Freeborn	1,097	304	Nonwhite	123	123
Muskegon	3,406	983	Albert Lea	1,063	207	Balance of county	720	190
Muskegon	3,362	648	Balance of county	34	97	White	141	18
Balance of county	6	77	Goodhue	863	345	Nonwhite	579	172
Newaygo	568	258	Grant	6	64	Alcorn	786	267
Oakland	5,977	2,375	Hennepin	17,969	6,802	White	681	214
Pontiac	4,604	1,016	Minneapolis	17,777	5,625	Nonwhite	105	53
Royal Oak	468	171	Balance of county	192	977	Amite	441	113
Birmingham	-	51	Houston	238	135	White	64	45
Ferndale	359	100	Hubbard	310	125	Nonwhite	377	68
Balance of county	545	1,037	Isanti	182	121	Attala	904	282
Oceana	420	191	Itasca	620	271	White	458	134
Ogemaw	307	90	Jackson	251	110	Nonwhite	446	148
Ontonagon	171	108	Kandiyohi	298	71	Benton	198	46
Oscoda	402	156	Kittson	903	331	White	32	21
Oscoda	22	23	Koochiching	192	89	Nonwhite	166	25
Otsego	20	49	Lake qui Parle	431	151	Bolivar	2,581	812
Ottawa	1,928	590	Lake of the Woods	204	100	White	673	151
Holland	853	201	Le Sueur	115	75	Nonwhite	1,908	661
Balance of county	1,075	379	Lincoln	344	138	Calhoun	530	140
Presque Isle	135	60	Lyon	424	121	White	341	101
Roscommon	69	41	McLeod	688	159	Nonwhite	189	39
Saginaw	4,165	1,382	Mahnomen	735	242	Carroll	361	110
Saginaw	4,061	1,048	White	163	44	White	40	42
Balance of county	84	334	Nonwhite	157	42	Nonwhite	321	68
St. Clair	1,969	930	Marshall	6	2	Chickasaw	573	196
Fort Huron	1,396	526	Martin	246	95	White	259	101
Balance of county	563	406	Meeker	670	222	Nonwhite	314	85
St. Joseph	1,018	405	Mille Lacs	334	142	Choctaw	214	72
Sanilac	802	527	Morrison	451	164	White	89	41
Schoolcraft	269	113	Mower	718	218	Nonwhite	125	51
Shiawassee	1,204	421	Austin	1,009	301	Claiborne	280	103
Owosso	962	193	Balance of county	953	209	White	12	18
Balance of county	242	228	Murray	56	92	Nonwhite	248	85
Tuscola	592	407	Niccollet	328	79	Clarke	550	167
Van Buren	710	478	Nobles	363	411	White	245	83
Washtenaw	4,444	1,856	Norman	605	183	Nonwhite	305	84
Ann Arbor	2,339	998	Olmsted	205	96	Clay	577	181
Ypsilanti	1,980	240	White	1,545	1,128	White	199	75
White	1,671	197	Nonwhite	1,437	1,032	Nonwhite	378	108
Nonwhite	43	43	Rochester	1,545	1,032	Coshoma	1,598	478
Balance of county	145	618	Balance of county	103	96	White	385	94
Wayne	63,244	20,228	Otter Tail	1,083	601	Nonwhite	1,213	384
Detroit	50,366	14,962	Pergus Falls	672	374	Clarksdale	628	178
White	41,260	12,578	Balance of county	411	227	White	315	56
Nonwhite	9,106	2,384	Pennington	579	155	Nonwhite	310	120
Dearborn	1,484	355	Pine	96	137	Balance of county	869	300
Hamtramck	1,060	317	Pipestone	393	112	White	66	36
Highland Park	4,678	705	Polk	898	335	Nonwhite	903	284
Wyandotte	2,089	372	Pope	310	114			

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 45)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
MISSISSIPPI—Continued			MISSISSIPPI—Continued			MISSISSIPPI—Continued		
Copiah	798	251	Lauderdale—Continued			Sunflower	1,766	456
White	173	94	Balance of county	284	150	White	388	107
Nonwhite	622	157	White	30	71	Nonwhite	1,378	349
Covington	252	94	Nonwhite	254	79	Tallahatchie	1,122	266
White	77	53	Lawrence	51	91	White	256	62
Nonwhite	175	36	White	72	46	Nonwhite	866	204
De Soto	739	194	Nonwhite	186	45	Tate	535	127
White	114	47	Leake	54	144	White	96	39
Nonwhite	625	147	White	166	76	Nonwhite	439	98
Forrest	1,612	441	Nonwhite	349	68	Tippah	554	129
White	1,167	292	Lee	1,275	367	White	442	92
Nonwhite	445	149	White	890	242	Nonwhite	112	37
Hattiesburg	1,612	359	Nonwhite	385	125	Tishomingo	307	104
White	1,184	242	LeFlore	2,026	545	Tunica	690	209
Nonwhite	358	117	White	653	190	White	69	26
Balance of county	100	62	Nonwhite	1,395	415	Nonwhite	622	183
White	13	50	Greenwood	840	245	Union	589	182
Nonwhite	87	32	White	578	102	White	455	135
Franklin	176	76	Nonwhite	262	145	Nonwhite	134	47
White	49	29	Balance of county	1,106	300	Walthall	755	188
Nonwhite	127	48	White	55	28	White	440	102
George	276	55	Nonwhite	1,151	272	Nonwhite	315	86
White	224	41	Lincoln	925	290	Warren	1,413	680
Nonwhite	52	14	White	574	162	White	717	280
Greene	200	57	Nonwhite	349	128	Nonwhite	698	400
White	125	42	Lowndes	1,056	375	Vicksburg	1,297	583
Nonwhite	77	15	White	450	149	White	712	253
Grenada	649	222	Nonwhite	606	224	Nonwhite	585	330
White	308	94	Columbus	606	250	Balance of county	116	97
Nonwhite	341	128	White	376	108	White	5	27
Hancock	668	82	Nonwhite	230	142	Nonwhite	111	70
White	223	83	Balance of county	450	125	Washington	2,412	857
Nonwhite	445	19	White	41	41	White	698	208
Harrison	2,482	670	Nonwhite	376	82	Nonwhite	1,714	629
White	2,017	532	Madison	1,229	315	White	1,055	463
Nonwhite	465	138	White	181	81	Nonwhite	484	160
Biloxi	1,457	212	Nonwhite	1,048	234	Balance of county	571	303
White	1,290	169	Marion	645	192	White	1,357	374
Nonwhite	167	43	White	341	107	Nonwhite	214	48
Gulfport	634	282	Nonwhite	304	85	Wayne	1,145	326
White	658	227	Marshall	888	213	White	473	117
Nonwhite	178	55	White	146	62	Nonwhite	235	59
Balance of county	191	176	Nonwhite	742	151	Webster	259	59
White	69	136	Monroe	1,094	325	White	287	81
Nonwhite	122	40	White	569	179	Nonwhite	141	59
Hinds	4,404	1,507	Nonwhite	585	146	Wilkinson	116	23
White	2,095	731	Montgomery	373	146	White	523	140
Nonwhite	2,309	776	White	162	61	Nonwhite	146	46
Jackson	3,435	1,139	Nonwhite	211	85	Winston	377	94
White	2,035	612	Neshoba	603	187	White	682	179
Nonwhite	1,400	527	White	337	130	Nonwhite	308	94
Balance of county	969	368	Nonwhite	266	57	Yalobusha	374	85
White	60	119	Newton	650	193	White	383	140
Nonwhite	909	249	White	555	116	Nonwhite	134	72
Holmes	1,104	373	Nonwhite	295	77	Yazoo	249	68
White	200	90	Nonzee	649	233	White	1,255	391
Nonwhite	904	283	White	101	38	Nonwhite	370	121
Humphreys	610	207	Nonwhite	548	195	Balance of county	885	270
White	137	37	Oktober	791	178			
Nonwhite	673	170	White	313	71	MISSOURI	87,351	44,007
Issaquena	113	54	Nonwhite	478	107	White	78,855	39,684
White	6	7	Panola	952	271	Nonwhite	8,498	4,323
Nonwhite	107	47	White	264	109	Adair	781	374
Itawamba	296	96	Nonwhite	688	162	Kirkville	747	324
Jackson	750	206	Pearl River	622	148	Balance of county	34	50
White	551	154	White	465	111	Andrew	22	92
Nonwhite	219	52	Nonwhite	159	37	Atchison	31	62
Jasper	541	142	Perry	156	36	Audrain	679	277
White	171	62	White	77	20	Barry	581	188
Nonwhite	370	80	Nonwhite	79	16	Barton	208	116
Jefferson	247	101	Pike	1,245	368	Bates	268	170
White	20	21	White	646	200	Benton	141	96
Nonwhite	227	80	Nonwhite	599	168	Bollinger	101	89
Jefferson Davis	469	99	Pontotoc	434	136	Boone	917	399
White	116	38	White	326	103	Columbia	873	271
Nonwhite	353	61	Nonwhite	103	33	White	790	227
Jones	2,047	541	Prentiss	632	191	Nonwhite	85	44
White	1,393	316	White	539	171	Balance of county	44	128
Nonwhite	654	225	Nonwhite	94	20	Buchanan	2,216	1,465
Laurel	1,878	430	Quitman	1,033	203	St. Joseph	2,193	1,367
White	1,319	242	White	377	60	Balance of county	23	88
Nonwhite	559	188	Nonwhite	656	143	Butler	1,367	488
Balance of county	169	111	Rankin	571	541	Poplar Bluff	1,081	332
White	74	74	White	172	233	Balance of county	296	156
Nonwhite	95	37	Nonwhite	399	308	Caldwell	102	119
Kemper	392	107	Scott	625	144	Callaway	346	459
White	45	42	White	239	71	White	315	390
Nonwhite	347	65	Nonwhite	386	73	Nonwhite	51	69
Lafayette	627	201	Sharkey	392	121	Camden	75	66
White	332	94	White	51	22	Cape Girardeau	1,628	536
Nonwhite	295	107	Nonwhite	341	99	Cape Girardeau	1,566	429
Lamar	190	97	Simpson	693	174	Balance of county	62	107
White	119	65	White	389	117	Carroll	324	176
Nonwhite	71	22	Nonwhite	304	57	Carter	64	40
Lauderdale	2,189	796	Smith	341	97	Case	246	205
White	1,241	443	White	236	74	Cedar	137	117
Nonwhite	948	353	Nonwhite	105	23	Chariton	99	142
Meridian	1,905	646	Stone	58	38	Christian	126	107
White	1,211	372	White	19	23			
Nonwhite	694	274	Nonwhite	39	15			

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
NEW MEXICO—Continued			NEW YORK—Continued			NEW YORK—Continued		
Lincoln	155	67	Madison	1,033	447	Westchester—Continued		
Los Alamos ⁴	185	16	Oneida	762	187	Port Chester	1,166	310
Luna	276	85	Balance of county	271	280	Scarsdale	-	43
McKinley	901	226	Monroe	11,425	5,232	Balance of county	2,151	1,681
White	402	108	Rochester	11,091	4,281	Wyoming	665	350
Nonwhite	499	118	Irondequoit (town)	4	115	Yates	336	210
Mora	237	69	Balance of county	323	856	NORTH CAROLINA		
Otero	401	100	Montgomery	1,155	720		108,180	31,085
Quay	398	151	Amsterdam	1,144	505	White	72,659	20,276
Rio Arriba	859	212	Balance of county	11	215	Nonwhite	35,521	10,809
Roosevelt	511	89	Nassau	10,699	4,328	Albany	1,791	356
Sandoval	407	103	Floral Park	387	76	White	1,308	278
White	306	64	Freeport	548	183	Nonwhite	483	78
Nonwhite	101	44	Garden City	-	56	Burlington	1,025	153
San Juan	405	149	Glens Cove	943	183	Balance of county	766	203
White	246	69	Hempstead	6	157	White	370	147
Nonwhite	159	80	Lynbrook	3	99	Nonwhite	396	56
San Miguel	1,053	428	Mineola	1,991	321	Alexander	115	82
Santa Fe	1,400	515	Rockville Centre	3,120	240	Allegheny	84	62
Santa Fe	1,232	259	Valley Stream	1	100	Anson	870	196
Balance of county	168	57	Balance of county	3,730	2,933	White	356	89
Sierra	148	97	New York City ⁵	156,900	78,586	Nonwhite	514	109
Socorro	319	132	White	135,192	71,381	Ashe	640	184
Taos	466	117	Nonwhite	21,708	7,205	Avery	435	103
Torrance	193	67	Niagara	4,534	1,708	Beaufort	1,359	397
Union	220	69	Niagara Falls	2,780	733	White	837	219
Valencia	622	187	Lockport	925	326	Nonwhite	522	178
White	558	153	North Tonawanda	812	266	Bertie	676	214
Nonwhite	64	34	Balance of county	17	383	White	169	76
NEW YORK	302,528	154,926	Oneida	4,922	2,967	Nonwhite	507	138
White	278,066	145,671	Utica	3,432	1,579	Bladen	670	166
Nonwhite	26,462	9,285	Rome	1,281	558	White	252	74
Albany	4,900	2,975	Balance of county	209	830	Nonwhite	418	92
Albany	4,543	2,039	Ontario	8,008	3,476	Brunswick	378	122
Cohoes	335	203	Syracuse	7,929	2,632	White	202	70
Watervliet	8	86	Balance of county	79	844	Nonwhite	176	52
Balance of county	14	645	Orange	1,497	795	Runcombe	5,068	1,347
Allegany	862	456	Geneva	590	204	White	2,669	1,061
Broome	4,758	2,014	Balance of county	907	591	Nonwhite	399	286
Binghamton	2,336	1,158	Orange	3,443	2,023	Asheville	2,658	905
Endicott	750	325	Newburgh	1,053	484	White	2,489	629
Johnson City	1,499	374	Middletown	793	552	Nonwhite	369	176
Balance of county	173	325	Balance of county	1,597	987	Balance of county	210	542
Cattaraugus	2,082	828	Orleans	626	331	Burke	1,019	411
Clear	1,328	314	Cowego	605	805	Cabarrus	1,648	403
Balance of county	754	514	Fulton	561	156	White	1,345	310
Cayuga	1,599	842	Cowego	766	288	Nonwhite	303	93
Auburn	1,558	576	Balance of county	112	361	Concord	1,593	248
Balance of county	41	266	Oneonta	998	686	White	1,320	188
Chautauque	3,052	1,433	Balance of county	472	450	Nonwhite	273	58
Jamestown	1,783	505	Putnam	284	208	Balance of county	55	157
Dunkirk	654	243	Rensselaer	3,325	1,831	White	25	122
Balance of county	615	605	Troy	3,205	1,296	Nonwhite	30	35
Cheung	2,165	922	Rensselaer	7	82	Caldwell	1,170	240
Elmira	2,159	703	Balance of county	113	433	Camden	86	34
Balance of county	6	219	Rockland	1,674	1,240	White	19	22
Chemung	930	497	St. Lawrence	2,540	1,284	Nonwhite	67	12
Clinton	1,371	567	Mausene	550	110	Carteret	590	189
Plattsburgh	1,245	330	Ogdensburg	637	488	White	460	138
Balance of county	126	237	Balance of county	1,353	706	Nonwhite	110	31
Columbia	680	559	Saratoga	836	821	Caswell	371	112
Hudson	623	271	Saratoga Springs	466	252	White	65	55
Balance of county	57	288	Balance of county	370	589	Nonwhite	306	57
Cortland	1,110	459	Schenectady	3,457	1,402	Catawba	1,816	398
Cortland	1,095	340	Schenectady	2,121	1,109	White	1,624	350
Balance of county	15	118	Balance of county	1,336	293	Nonwhite	192	48
Delaware	1,125	470	Schoharie	306	245	Hickory	1,147	176
Dutchess	2,122	2,156	Schuyler	264	177	White	1,066	154
Poughkeepsie	1,045	542	Seneca	427	566	Nonwhite	81	22
Beacon	249	172	Steuben	2,580	1,082	Balance of county	669	222
Balance of county	828	1,442	Corning	916	241	Chatham	514	174
Erle	19,626	9,361	Hornell	522	181	White	338	124
Buffalo	17,469	7,193	Balance of county	942	680	Nonwhite	276	50
White	16,313	6,847	Suffolk	5,095	4,542	Cherokee	509	149
Nonwhite	1,156	546	Sullivan	801	542	Chowan	406	139
Kenmore	2	102	Tioga	445	322	White	175	62
Lackawanna	1,655	342	Tompkins	1,223	486	Nonwhite	231	77
Tonawanda	2	81	Ithaca	1,203	302	Clay	106	24
Balance of county	500	1,643	Balance of county	20	184	Cleveland	2,049	362
Essex	996	490	Ulster	1,517	1,235	White	1,480	269
Franklin	1,049	544	Kingston	1,163	624	Nonwhite	569	94
Fulton	989	659	Balance of county	354	611	Shelby	1,204	174
Gloversville	969	405	Warren	1,582	801	White	963	130
Johnstown	1	128	Glens Falls	1,543	408	Nonwhite	241	44
Balance of county	19	126	Balance of county	39	193	Balance of county	845	188
Genesee	1,226	613	Washington	496	515	White	517	138
Batavia	1,214	430	Wayne	828	824	Nonwhite	328	50
Balance of county	14	183	Westchester	11,558	5,820	Columbus	1,440	395
Greene	549	404	Yonkers	3,054	1,368	White	826	226
Hamilton	8	44	Mount Vernon	1,471	828	Nonwhite	614	157
Herkimer	1,452	704	New Rochelle	1,354	802	Cruven	1,355	406
Little Falls	560	202	White	1,175	536	White	862	189
Balance of county	892	502	Nonwhite	1,179	66	Nonwhite	493	217
Jefferson	2,213	1,044	White Plains	1,390	518	New Bern	734	248
Watertown	1,646	548	Mamaroneck	1	47	White	460	106
Balance of county	567	496	Ossining	370	204	Nonwhite	274	140
Lewis	461	259	White	339	185	Balance of county	621	160
Livingston	442	402	Nonwhite	31	19	White	402	85
			Peekskill	582	226	Nonwhite	219	77

⁴This county was established by the New Mexico Legislature, effective June 10, 1949.

⁵Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
NORTH CAROLINA—Continued			NORTH CAROLINA—Continued			NORTH CAROLINA—Continued		
Cumberland	3,421	799	Eoke	356	205	Pender	375	124
White	2,454	508	White	69	50	White	128	56
Nonwhite	967	291	Nonwhite	287	155	Nonwhite	247	68
Fayetteville	1,599	504	Hyde	101	54	Perquimans	163	76
White	918	309	White	12	39	White	59	35
Nonwhite	481	195	Nonwhite	89	16	Nonwhite	125	45
Balance of county	2,022	295	Iredell	2,059	485	Person	712	122
White	1,536	189	White	1,664	369	White	408	77
Nonwhite	486	96	Nonwhite	395	116	Nonwhite	303	45
Currituck	93	48	Statesville	1,198	242	Pitt	1,746	429
White	43	35	White	1,056	199	White	719	194
Nonwhite	50	13	Nonwhite	140	44	Nonwhite	1,027	235
Dare	71	39	Balance of county	881	243	Greenville	749	171
Davidson	1,305	365	White	606	171	White	439	77
White	1,138	304	Nonwhite	285	72	Nonwhite	289	94
Nonwhite	167	51	Jackson	404	115	Balance of county	998	258
Lexington	742	114	Johnston	1,339	351	White	260	117
White	654	94	White	876	255	Nonwhite	738	141
Nonwhite	88	20	Nonwhite	463	96	Folk	218	75
Thomasville	376	89	Jones	179	50	White	179	54
White	331	73	White	23	19	Nonwhite	41	19
Nonwhite	45	16	Lee	156	31	Randolph	1,056	305
Balance of county	187	152	White	895	186	Richmond	1,079	268
Davie	137	90	Nonwhite	615	127	White	720	158
White	91	69	Nonwhite	282	69	Nonwhite	359	110
Nonwhite	46	21	Lenoir	1,800	485	Robeson	2,752	700
Duplin	721	256	White	1,078	279	White	1,062	295
White	272	149	Nonwhite	722	206	Nonwhite	1,690	405
Nonwhite	449	107	Kinston	1,390	333	Rockingham	1,681	471
Durham	3,286	1,234	White	1,029	202	White	1,225	345
White	2,160	741	Nonwhite	361	131	Nonwhite	456	128
Nonwhite	1,126	493	Balance of county	410	152	Reidsville	763	168
Durham	3,286	1,093	White	49	77	White	564	112
White	2,149	659	Nonwhite	361	75	Nonwhite	209	56
Nonwhite	1,087	433	Lincoln	754	168	Balance of county	918	303
Balance of county	50	142	White	631	144	White	671	231
White	11	82	Nonwhite	123	24	Nonwhite	247	72
Nonwhite	39	60	McDowell	765	165	Rowan	1,450	554
Edgecombe	1,560	437	Macon	328	123	White	1,117	419
White	556	160	Madison	292	125	Nonwhite	341	135
Nonwhite	1,004	277	Martin	676	189	Salisbury	1,260	315
Rocky Mount (part)	374	100	White	242	83	White	1,005	234
White	233	55	Nonwhite	434	106	Nonwhite	255	79
Nonwhite	141	45	Mecklenburg	5,855	1,604	Balance of county	198	241
Balance of county	1,186	337	White	4,343	1,043	White	112	185
White	323	105	Nonwhite	1,512	561	Nonwhite	86	56
Nonwhite	863	232	Charlotte	5,689	1,328	Rutherford	1,102	269
Forsyth	4,076	1,374	White	4,311	878	White	920	227
White	2,933	874	Nonwhite	1,378	450	Nonwhite	182	42
Nonwhite	1,143	500	Balance of county	166	276	Sampson	1,215	313
Winston-Salem	3,936	1,126	White	32	165	White	582	190
White	2,851	676	Nonwhite	134	111	Nonwhite	633	123
Nonwhite	1,085	450	Mitchell	485	86	Scotland	957	267
Balance of county	140	248	Montgomery	393	111	White	377	117
White	82	198	White	265	74	Nonwhite	580	150
Nonwhite	58	50	Nonwhite	128	37	Stanly	914	232
Franklin	555	180	Moore	872	274	White	786	185
White	148	83	White	575	186	Nonwhite	128	47
Nonwhite	407	97	Nonwhite	297	86	Stokes	294	126
Gaston	2,186	573	Nash	1,808	574	White	245	109
White	1,824	492	White	958	297	Nonwhite	49	16
Nonwhite	362	81	Nonwhite	850	277	Surry	1,729	333
Gastonia	1,747	246	Rocky Mount (part)	1,060	344	Swain	297	75
White	1,532	205	White	815	190	White	195	49
Nonwhite	195	41	Nonwhite	245	154	Nonwhite	112	24
Balance of county	439	327	Rocky Mount (total)	1,434	444	Transylvania	394	93
White	272	287	White	1,048	245	Tyrrell	201	65
Nonwhite	167	40	Nonwhite	386	198	White	125	35
Gates	179	76	Balance of county	848	230	Nonwhite	76	30
White	32	25	White	143	107	Union	1,189	283
Nonwhite	147	51	Nonwhite	705	123	White	861	200
Graham	177	21	New Hanover	1,987	728	Nonwhite	328	83
Granville	831	337	White	1,283	428	Vance	966	311
White	339	202	Nonwhite	704	298	White	480	132
Nonwhite	492	135	Wilmington	1,982	630	Nonwhite	486	179
Greene	466	88	White	1,261	550	Wake	3,497	1,183
White	152	29	Nonwhite	701	280	White	2,289	736
Nonwhite	314	59	Balance of county	5	96	Nonwhite	1,208	447
Guilford	4,681	1,328	White	2	78	Raleigh	2,619	883
White	3,702	948	Nonwhite	3	18	White	1,984	565
Nonwhite	979	380	Northampton	660	187	Nonwhite	635	318
Greensboro	2,950	669	White	48	67	Balance of county	878	300
White	2,320	453	Nonwhite	612	120	White	305	171
Nonwhite	630	216	Onslow	1,292	200	Nonwhite	573	129
High Point	1,516	305	White	1,077	145	Warren	680	181
White	1,293	221	Nonwhite	215	55	White	140	52
Nonwhite	223	84	Orange	195	119	Nonwhite	540	129
Balance of county	215	354	White	56	69	Washington	292	97
White	99	274	Nonwhite	139	50	White	123	43
Nonwhite	126	80	Pamlico	226	75	Nonwhite	168	54
Halifax	2,133	536	White	104	31	Watauga	500	107
White	744	206	Nonwhite	122	44	Wayne	1,862	665
Nonwhite	1,389	330	Pasquotank	623	267	White	1,008	228
Harnett	1,558	354	White	518	169	Nonwhite	854	439
White	1,108	234	Nonwhite	305	98	Goldsboro	871	248
Nonwhite	450	100	Elizabeth City	658	204	White	543	114
Haywood	1,007	233	White	498	137	Nonwhite	328	134
Henderson	822	293	Nonwhite	160	67	Balance of county	991	417
Hertford	613	157	Balance of county	165	83	White	465	112
White	227	49	White	20	32	Nonwhite	526	305
Nonwhite	386	109	Nonwhite	145	31	Wilkes	937	277

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
NORTH CAROLINA—Continued			OHIO—Continued			OHIO—Continued		
Wilson	1,812	601	Athens	690	517	Licking	1,262	792
White	973	314	Auglaize	35	230	Newark	1,227	519
Nonwhite	839	287	Belmont	1,920	960	Balance of county	35	273
Wilson	1,256	418	Bellaire	527	168	Logan	637	360
White	864	221	Martins Ferry	1,015	335	Lorain	3,522	1,300
Nonwhite	392	197	Balance of county	380	457	Elyria	1,220	340
Balance of county	556	185	Brown	239	204	Lorain	1,743	551
White	109	93	Butler	4,451	1,348	Balance of county	559	429
Nonwhite	447	90	Hamilton	2,780	762	Lucas	10,624	4,445
Yadkin	62	87	Middletown	1,687	368	Toledo	10,753	4,059
Yancey	205	74	Balance of county	44	218	White	9,947	3,764
NORTH DAKOTA			Carroll	102	157	Nonwhite	806	295
White	16,503	5,010	Champaign	486	235	Balance of county	71	384
Nonwhite	389	138	Clark	2,883	1,201	Madison	172	163
Adams	131	30	Springfield	2,855	936	Mahoning	6,329	2,573
Barnes	581	158	White	2,582	817	Youngstown (part)	6,295	2,118
Benson	151	57	Nonwhite	271	119	White	5,633	1,877
White	93	49	Balance of county	30	265	Nonwhite	662	241
Nonwhite	58	8	Clermont	286	267	Youngstown (total)	6,295	2,118
Billings	1	6	Clinton	326	255	White	5,633	1,877
Bottineau	299	110	Columbiana	2,676	1,023	Nonwhite	662	241
Bowman	56	20	East Liverpool	1,254	390	Campbell	7	38
Burke	80	35	Salem	1,228	238	White	2	32
Burlingame	1,654	363	Balance of county	196	395	Nonwhite	5	6
Bismarck	1,652	344	Coshocton	706	360	Struthers	3	40
Balance of county	2	19	Balance of county	31	145	Balance of county	24	377
Cass	2,194	612	Crawford	1,095	436	Marion	1,306	520
Fargo	2,187	444	Cuyahoga	35,381	14,121	Marion	1,291	406
Balance of county	7	168	Cleveland	26,918	10,509	Balance of county	15	114
Cavalier	276	72	White	22,594	9,021	Medina	1,297	429
Dickey	146	52	Nonwhite	4,324	1,488	Meigs	346	236
Divide	123	58	Cleveland Heights	495	464	Mercer	1,023	247
Dunn	13	16	East Cleveland	2,839	528	Miami	1,642	678
Eddy	167	49	Lakewood	1,276	623	Piqua	934	299
Emmons	152	38	Euclid	3	159	Balance of county	706	399
Poster	155	32	Garfield Heights	137	103	Monroe	130	117
Golden Valley	153	41	Parma	3	113	Montgomery	11,956	4,190
Grand Forks	1,592	418	Shaker Heights	1	122	Dayton	11,636	8,329
Grand Forks	1,451	306	Balance of county	1,711	1,500	White	10,655	2,604
Balance of county	141	112	Darke	789	404	Nonwhite	1,181	325
Grant	223	42	Defiance	751	268	Balance of county	120	1,281
Griggs	51	24	Delaware	508	323	Morgan	91	155
Hettinger	74	24	Erle	1,184	550	Morrow	23	136
Kidder	11	13	Sandusky	1,177	342	Maskingum	2,393	830
La Moure	216	46	Balance of county	7	208	Zanesville	2,375	617
Logan	34	27	Fairfield	1,030	485	Balance of county	18	213
McHenry	3	51	Lancaster	1,007	277	Noble	120	136
McIntosh	42	30	Balance of county	85	208	Ottawa	502	254
McKenzie	16	19	Payette	244	289	Paulding	241	121
McLean	271	61	Franklin	13,907	5,569	Perry	189	260
Mercer	212	56	White	12,356	4,884	Pickaway	541	283
Morton	404	126	Nonwhite	1,551	685	Pike	257	140
Mountair	103	61	Columbus	13,716	4,807	Portage	1,126	476
Nelson	75	54	White	12,210	4,186	Preble	75	208
Oliver	2	8	Nonwhite	1,506	621	Putnam	62	162
Pembina	112	119	Balance of county	191	762	Richland	2,197	880
Pierce	399	99	Pulton	662	266	Mansfield	1,765	485
Ramsay	599	166	Gallia	824	438	Balance of county	432	395
Ransom	31	42	Geauga	345	194	Ross	1,169	496
Renville	3	17	Greene	820	389	Civilianthe	816	241
Richland	163	100	Xenia	173	131	Balance of county	353	255
White	389	101	White	169	92	Sandusky	1,324	551
Nonwhite	234	58	Nonwhite	14	39	Fremont	901	262
Sargent	20	48	Balance of county	647	258	Balance of county	343	279
Sheridan	33	12	Guernsey	617	575	Scioto	2,238	810
Sioux	64	43	Cambridge	533	252	Portsmouth	1,995	595
White	2	11	Balance of county	84	323	Balance of county	243	215
Nonwhite	62	32	Hamilton	18,542	8,474	Seneca	1,016	518
Slope	9	10	White	16,190	7,342	Postoria (part)	1	76
Stark	936	204	Nonwhite	2,352	1,132	Postoria (total)	527	184
Steele	35	40	Cincinnati	16,825	7,230	Tiffin	966	285
Stutsman	830	364	White	14,528	6,189	Balance of county	29	157
Towner	92	30	Nonwhite	2,297	1,041	Shelby	666	273
Trail	200	80	Norwood	7	195	Stark	7,501	2,760
Walsh	803	186	Balance of county	1,710	1,049	Canton	5,035	1,516
Ward	1,681	437	Hancock	1,593	613	Massillon	1,264	371
Minot	1,504	340	Findlay	899	372	Alliance	1,072	288
Balance of county	187	97	Postoria (part)	526	108	Balance of county	130	785
Wells	345	83	Balance of county	188	133	Summit	10,440	3,222
Williams	696	160	Hardin	856	374	Akron	9,353	2,405
OHIO			Harrison	36	148	White	8,612	2,197
White	175,046	74,193	Henry	408	202	Nonwhite	741	208
Nonwhite	14,350	5,995	Highland	803	309	Cuyahoga Falls	1,057	248
Adams	303	174	Hocking	499	209	Balance of county	5	103
Allen	3,591	1,012	Holmes	558	186	Trumbull	27	466
Lima	3,233	768	Huron	943	445	Youngstown (part)	3,051	1,125
Balance of county	358	244	Jackson	451	181	White	-	-
Ashland	696	354	Jefferson	2,819	919	Nonwhite	-	-
Ashland	687	209	Stenbenville	2,710	839	Warren	2,977	614
Balance of county	9	145	Balance of county	109	330	Kilbuck	4	71
Ashtabula	1,680	813	Knox	952	499	Balance of county	70	440
Ashtabula	934	302	Mount Vernon	82	267	Tuscarawas	1,641	793
Balance of county	726	511	Balance of county	10	232	New Philadelphia	10	125
			Lake	1,177	539	Balance of county	1,631	668
			Painesville	1,154	229	Union	69	175
			Balance of county	13	310	Van Wert	549	258
			Lawrence	1,030	442	Winton	246	95
			Trompton	967	274	Warren	147	306
			Balance of county	103	168	Washington	1,048	498

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
OHIO—Continued			OKLAHOMA—Continued			OKLAHOMA—Continued		
Washington—Continued			Kiowa	355	152	Tulsa	6,392	2,072
Marietta	932	273	Letimer	365	154	White	5,810	1,834
Balance of county	116	225	Le Flora	651	233	Nonwhite	582	238
Wayne	1,040	459	Lincoln	368	188	Tulsa	5,939	1,778
Wooster	907	181	Logan	463	272	White	5,408	1,560
Balance of county	133	278	White	355	221	Nonwhite	531	218
Williams	439	253	Nonwhite	108	51	Balance of county	453	594
Wood	471	454	Guthrie	385	198	Wagoner	341	99
Wyandot	72	146	White	316	162	White	265	65
			Nonwhite	69	36	Nonwhite	76	34
	49,548	18,854	Balance of county	78	74	Washington	784	243
White	43,811	16,596	White	39	59	Bartlesville	759	162
Nonwhite	5,637	2,258	Nonwhite	39	15	Balance of county	25	81
Adair	165	104	Love	108	63	Washita	234	91
White	135	65	McClain	218	74	Woods	351	131
Nonwhite	28	39	McCurtain	590	234	Woodward	427	224
Alfalfa	142	98	White	154	154			
Atoka	272	112	Nonwhite	154	80			
Beaver	130	83	McIntosh	405	137			
Beckham	637	197	White	298	92			
Blaine	316	117	Nonwhite	107	45			
White	282	100	Major	105	57			
Nonwhite	34	17	Marshall	169	58			
Bryan	654	246	Mayes	539	140			
Durant	470	139	Murray	213	136			
Balance of county	184	107	Muskogee	1,434	612			
Caddo	724	266	White	1,165	536			
White	651	231	Nonwhite	269	276			
Nonwhite	73	35	Muskogee	1,212	589			
Canadian	321	189	White	1,039	436			
El Reno	309	137	Nonwhite	174	153			
Balance of county	12	52	Balance of county	222	223			
Carter	760	324	White	127	100			
White	699	280	Nonwhite	95	123			
Nonwhite	61	44	Noble	98	88			
Ardmore	634	237	Nowata	249	128			
White	591	205	White	228	108			
Nonwhite	43	32	Nonwhite	20	22			
Balance of county	126	87	Okfuskee	332	152			
Cherokee	658	185	White	222	100			
White	357	98	Nonwhite	110	52			
Nonwhite	301	87	Oklahoma	8,466	2,915			
Choctaw	495	155	Oklahoma City	7,927	2,403			
White	351	95	White	7,080	2,182			
Nonwhite	142	40	Nonwhite	847	221			
Cimarron	46	18	Balance of county	539	512			
Cleveland	769	372	Okmulgee	979	397			
White	623	309	White	623	309			
Nonwhite	146	88	Nonwhite	156	88			
Norman	730	274	Okmulgee	438	161			
Balance of county	39	98	White	366	132			
Coal	84	49	Nonwhite	72	49			
Comanche	1,795	298	Balance of county	541	216			
Lawton	830	179	White	457	177			
Balance of county	965	119	Nonwhite	84	39			
Cotton	157	59	Oonga	562	262			
Craig	356	301	Ottawa	704	315			
Creek	631	368	Paynee	303	122			
White	523	316	Payne	1,349	307			
Nonwhite	108	52	Skullwater	835	121			
Sapulpa	306	133	Balance of county	514	186			
White	256	111	Pittsburg	923	354			
Nonwhite	50	22	White	843	311			
Balance of county	325	235	Nonwhite	80	43			
White	267	205	McAlester	777	213			
Nonwhite	58	30	White	714	185			
Custer	594	303	Nonwhite	63	28			
Delaware	180	127	Balance of county	146	141			
White	98	112	White	129	126			
Nonwhite	22	15	Nonwhite	17	15			
Dewey	42	42	Pontotoc	771	295			
Ellis	175	75	Ada	708	202			
Garfield	1,539	607	Balance of county	63	35			
Harrison	1,622	804	Pottawatomie	905	395			
Harper	17	103	Shawnee	856	281			
Balance of county	17	222	Balance of county	49	114			
Haskell	796	285	Pushmataha	191	67			
Hughes	740	285	Roger Mills	32	29			
White	635	187	Rogers	313	201			
Nonwhite	590	185	Seminole	690	253			
Balance of county	105	98	White	540	180			
Grant	2	53	Nonwhite	150	73			
Greene	200	78	Seminole	329	67			
Hamilton	142	42	White	255	59			
Harrison	37	29	Nonwhite	195	38			
Harper	186	71	Balance of county	106	121			
Haskell	462	197	White	50	89			
Hughes	406	155	Nonwhite	56	38			
White	46	42	Sequoyah	354	106			
Nonwhite	56	167	White	309	93			
Jackson	456	167	Nonwhite	45	15			
Jefferson	189	75	Stephens	690	250			
Johnston	112	61	Tennas	301	82			
Key	1,142	448	Tillman	308	184			
Ponca City	770	190	White	264	146			
Balance of county	372	259	Nonwhite	44	18			
Kingfisher	245	81						
White	231	75						
Nonwhite	14	8						

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
PENNSYLVANIA—Continued			PENNSYLVANIA—Continued			PENNSYLVANIA—Continued		
Allegheny—Continued			Franklin	2,027	801	Susquehanna	308	303
Duquesne	19	109	Chambersburg	1,170	278	Tioga	810	418
Harrison (twp.) ²	1,715	345	Waynesboro	887	135	Union	740	239
Homestead	789	277	Balance of county	170	388	Venango	1,526	756
White	784	241	Fulton	1,238	74	Oil City	923	316
Nonwhite	45	36	Greene	1,236	408	Balance of county	603	440
McKees Rocks	5	76	Huntingdon	992	369	Warren	696	699
Mount Lebanon (twp.) ²	-	124	Indiana	1,446	641	Warren	639	241
Muhall	3	70	Balance of county	6	54	Balance of county	57	458
North Braddock	12	87	Jefferson	1,440	587	Washington	4,754	1,633
Shaler (twp.) ²	13	81	Juniata	1,173	485	Washington	1,428	430
Stowe (twp.) ²	180	73	Lackawanna	153	98	Cannonsburg	759	185
Swissvale	7	79	Scranton	5,530	3,168	Charleroi	2	48
Balance of county	2,556	4,078	Carbonade	3,990	1,760	Donora	8	50
White	2,431	3,781	Dickson City	660	284	Balance of county	2,557	1,140
Nonwhite	125	295	Dunmore	2	59	Wayne	313	347
Armstrong	1,367	609	Old Forge	72	151	Westmoreland	5,915	2,546
Beaver	2,761	1,294	Balance of county	17	41	Arnold	5	41
Aliquippa	87	132	Lancaster	769	855	Greensburg	1,806	553
White	24	114	Lancaster	5,434	2,331	Jennett	17	71
Nonwhite	63	18	Columbia	5,564	1,024	Latrobe	1,181	208
Ambridge	5	64	Balance of county	169	362	Monessen	362	105
Beaver Falls	824	219	Lawrence	1,428	1,138	New Kensington	1,452	311
Ellwood City (part)	-	-	New Castle	2,921	1,010	Vandergrift	24	64
Balance of county	1,845	879	Ellwood City (part)	2,000	626	Balance of county	1,384	1,393
Bedford	595	353	Ellwood City (total)	778	160	Wyoming	320	180
Berks	4,267	2,819	Balance of county	778	160	York	4,470	1,910
Reading	1,777	1,138	Lebanon	43	224	York	2,338	776
Balance of county	2,490	1,681	Lebanon	1,723	773	Hanover	1,007	206
Blair	3,589	1,533	Balance of county	1,516	434	Balance of county	1,125	922
Altoona	2,867	1,058	Lehigh	207	339			
Balance of county	732	475	Allentown	5,736	2,503	RIODE ISLAND	17,206	7,997
Bradford	1,193	727	Bethlehem (part)	3,601	1,527			
Bucks	1,823	1,108	Balance of county	2	51	White	16,783	7,793
Bristol	152	91	DuSerne	2,133	925	Nonwhite	443	204
Balance of county	1,671	1,017	Marletton	4,112	7,617	Bristol (town)	8	168
Butler	1,730	999	Wilkes-Barre	1,561	475	Balance of county	6	75
Butler	15	141	Emmer (twp.) ²	3,181	1,274	Balance of county	2	93
Balance of county	1,715	858	Kingston	7	89	Kent	184	486
Cambria	5,369	2,022	Mantcoke	1,221	354	Warwick	11	265
Johnstown	3,756	1,083	Pittston	622	307	West Warwick (town)	165	119
Balance of county	1,613	939	Plains (twp.) ²	8	94	Balance of county	8	112
Cameron	5	40	Plymouth	7	72	Newport	1,336	476
Carbon	687	524	Balance of county	12	85	Newport	1,326	476
Centre	2,025	856	Lyconing	998	1,362	Balance of county	10	116
Chester	2,976	1,604	Williamsport	2,598	1,065	Providence	14,032	6,314
Coatesville	70	78	Balance of county	1,772	651	Providence	10,161	3,057
White	12	58	McKean	626	414	Central Falls	419	158
Nonwhite	58	20	Bradford	1,284	569	Granston	250	960
Phoenixville	502	146	Balance of county	737	228	East Providence (town)	5	254
West Chester	1,125	388	Mercer	547	361	Pawtucket	1,603	628
White	945	329	Sharon	3,075	1,170	Woonsocket	1,574	469
Nonwhite	180	57	Parrell	1,709	447	Cumberland (town)	4	76
Balance of county	1,279	994	White	5	64	Johnston (town)	1	59
Clarion	419	269	Nonwhite	2	53	Lincoln (town)	4	59
Clearfield	1,721	763	Balance of county	3	11	North Providence (town)	3	59
Du Bois	865	247	Mifflin	1,561	659	Balance of county	21	306
Balance of county	856	518	Lewistown	1,239	475	Washington	1,646	427
Clinton	1,008	355	Balance of county	24	117	Westerly (town)	625	165
Lock Haven	837	180	Mohr	533	359	Balance of county	1,021	262
Balance of county	169	155	Montgomery	761	394			
Columbia	1,109	553	Lower Merion (twp.) ²	6,707	3,537	SCOTLAND	58,725	17,400
Berwick	517	165	Morrilton	1,607	535			
Balance of county	592	388	Abington (twp.) ²	1,813	877	White	31,835	8,910
Crawford	1,882	838	Cheltenham (twp.) ²	1,597	509	Nonwhite	26,920	8,490
Meadville	1,347	337	Coshohocken	3	109	Abbeville	294	200
Balance of county	535	501	Pottstown	17	67	White	141	101
Cumberland	2,048	840	Balance of county	1,304	319	Nonwhite	153	99
Carlisle	947	280	Montour	366	1,122	Aiken	1,158	423
Balance of county	1,089	560	Northampton	1,004	452	White	622	215
Dauphin	4,985	2,419	Bethlehem (part)	2,287	1,343	Nonwhite	536	208
Harrisburg	4,125	1,431	Bethlehem (total)	72	219	Allendale	251	105
Steelton	35	69	Easton	74	270	White	24	23
White	13	52	Balance of county	332	271	Nonwhite	227	62
Nonwhite	22	17	Northumberland	1,893	853	Anderson	2,359	722
Balance of county	825	919	Mount Carmel	1,541	1,066	White	1,831	497
Delaware	6,603	3,036	Shamokin	12	95	Nonwhite	1,821	225
Chester	1,903	665	Sambury	16	152	Anderson	1,636	431
White	1,286	494	Balance of county	822	228	White	1,418	313
Nonwhite	617	171	Ferry	891	591	Nonwhite	218	118
Haverford (twp.) ²	4	175	Philadelphia, coextensive with Philadelphia (city)	165	177	Balance of county	723	291
Upper Darby (twp.) ²	575	494	White	46,883	24,576	White	413	164
Darby	2,558	285	Nonwhite	36,880	20,462	Nonwhite	310	107
White	2,487	260	Pike	10,013	4,114	Bamberg	323	130
Nonwhite	71	25	Potter	14	78	White	66	38
Lansdowne	-	80	Schuylkill	248	137	Nonwhite	257	92
Balance of county	1,563	1,337	Mehano City	3,997	2,244	Barnwell	457	143
Elk	872	294	Pottsville	23	91	White	93	41
Erie	5,499	2,098	Shenandoah	1,698	521	Nonwhite	364	102
Balance of county	4,787	1,424	Tamaqua	12	108	Beaufort	918	214
Fayette	4,424	1,755	Balance of county	15	70	White	342	46
Connellsville	1,000	233	Snyder	2,249	1,454	Nonwhite	576	168
Uniontown	1,857	466	Somerset	116	159	Berkeley	865	238
Balance of county	1,567	1,056	Sullivan	1,790	710	White	212	43
Forest	25	40		22	40	Nonwhite	653	195

²Since this area is difficult to identify from the information given on the birth and death transcripts, data may be understated or overstated.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
SOUTH CAROLINA—Continued			SOUTH CAROLINA—Continued			SOUTH DAKOTA—Continued		
Calhoun	364	125	Marion	1,375	306	Clark	15	49
White	5	21	White	750	128	Clay	246	54
Nonwhite	359	104	Nonwhite	645	178	Codington	776	190
Charleston	5,157	1,534	Marlboro	1,112	563	Watertown	775	174
White	2,563	662	White	549	156	Balance of county	1	16
Nonwhite	2,594	872	Nonwhite	565	207	Corson	99	32
Charleston	3,669	1,045	Newberry	744	209	White	86	29
White	2,124	487	White	437	140	Nonwhite	13	3
Nonwhite	1,535	558	Nonwhite	307	69	Custer	17	44
Balance of county	1,498	469	Oconee	918	258	Davison	1,021	302
White	439	175	White	806	211	Mitchell	1,019	289
Nonwhite	1,059	314	Nonwhite	112	47	Balance of county	2	13
Cherokee	933	223	Orangeburg	2,243	649	Day	314	116
White	653	165	White	795	240	Deuel	99	41
Nonwhite	280	58	Nonwhite	1,448	409	Dewey	99	29
Chester	756	227	Orangeburg	889	270	White	16	10
White	307	112	White	659	137	Nonwhite	83	19
Nonwhite	449	115	Nonwhite	230	133	Douglas	5	25
Chesterfield	782	196	Balance of county	1,354	379	Edmunds	166	29
White	297	88	White	156	103	Fall River	436	158
Nonwhite	485	108	Nonwhite	1,218	276	Faulk	86	30
Clarendon	836	211	Pickens	607	245	Grant	217	54
White	80	36	White	509	202	Gregory	286	86
Nonwhite	756	175	Nonwhite	98	43	Heakon	85	19
Colleton	885	248	Richland	4,684	2,166	Hamlin	51	77
White	381	115	White	3,221	1,165	Hand	179	63
Nonwhite	504	133	Nonwhite	1,463	1,001	Hanson	14	18
Darlington	1,537	376	Columbia	3,558	1,345	Harding	7	12
White	749	184	White	2,618	885	Hughes	501	124
Nonwhite	788	192	Nonwhite	940	460	Hutchinson	401	88
Dillon	897	245	Balance of county	1,136	321	Hyde	23	15
White	391	99	White	603	280	Jackson	73	18
Nonwhite	506	146	Nonwhite	523	541	Jerauld	103	41
Dorchester	627	179	Saluda	315	112	Jones	61	16
White	215	74	White	83	51	Kingsbury	137	75
Nonwhite	412	105	Nonwhite	232	61	Lake	379	108
Edgefield	447	109	Spartanburg	5,805	1,021	Lawrence	542	161
White	86	37	White	2,837	709	Lincoln	219	75
Nonwhite	361	72	Nonwhite	968	312	Lyman	26	15
Fairfield	585	141	Spartanburg	2,867	583	McCook	13	42
White	150	39	White	2,516	404	McPherson	227	53
Nonwhite	435	102	Nonwhite	551	179	Marshall	333	100
Florence	2,700	795	Balance of county	958	438	Meade	154	63
White	1,503	410	White	521	305	Mellette	10	20
Nonwhite	1,197	385	Nonwhite	417	133	White	1	7
Florence	1,419	480	Sumter	2,063	494	Nonwhite	9	13
White	1,039	273	White	833	175	Miner	89	26
Nonwhite	380	207	Nonwhite	1,230	319	Mimeghaha	2,520	675
Balance of county	1,281	315	Sumter	1,029	241	Sioux Falls	2,431	586
White	464	137	White	817	123	Balance of county	69	79
Nonwhite	817	178	Nonwhite	212	118	Moody	140	64
Georgetown	785	166	Balance of county	1,034	253	Pennington	1,182	338
White	211	56	White	16	52	Rapid City	1,092	279
Nonwhite	574	110	Nonwhite	1,018	201	Balance of county	90	59
Greenville	4,635	1,289	Union	752	228	Perkins	144	41
White	3,669	934	White	483	142	Potter	183	39
Nonwhite	966	355	Nonwhite	269	86	Roberts	309	136
Greenville	2,620	752	Williamsburg	1,659	374	Sanborn	1	13
White	1,335	486	White	512	114	Shannon	182	51
Nonwhite	685	266	Nonwhite	1,147	260	White	6	1
Balance of county	2,015	537	York	2,017	492	Nonwhite	176	50
White	1,734	448	White	1,305	287	Spink	238	123
Nonwhite	281	89	Nonwhite	712	205	Stanley	-	10
Greenwood	1,130	518	Rock Hill	618	141	Sully	10	11
White	759	184	White	455	99	Todd	137	32
Nonwhite	381	134	Nonwhite	163	42	White	9	3
Greenwood	850	197	Balance of county	1,399	351	Nonwhite	128	29
White	638	122	White	850	188	Tripp	205	51
Nonwhite	212	75	Nonwhite	549	163	Turner	86	70
Balance of county	300	121	SOUTH DAKOTA			Union	9	56
White	121	62		17,338	5,674	Walworth	350	61
Nonwhite	179	59	White	16,638	5,399	Washabaugh	3	3
Hampton	387	130	Nonwhite	701	275	White	-	1
White	61	43	Armstrong	-	-	Nonwhite	3	2
Nonwhite	326	87	White	-	-	Washington	-	-
Horry	1,740	357	Nonwhite	-	-	White	-	-
White	1,212	226	Aurora	32	25	Nonwhite	-	-
Nonwhite	528	131	Beadle	747	207	Yankton	756	326
Jasper	376	126	Huron	734	175	Ziebach	22	14
White	144	44	Balance of county	15	32	White	13	8
Nonwhite	232	82	Bennett	80	20	Nonwhite	9	6
Kershaw	836	256	White	74	11	TENNESSEE		
White	347	84	Nonwhite	6	9		85,958	29,955
Nonwhite	489	171	Bon Homme	205	64		68,648	23,070
Lancaster	1,057	230	Brookings	489	132		15,310	6,885
White	729	138	Brown	1,151	323	Anderson	1,355	292
Nonwhite	328	92	Aberdeen	1,149	268	Bedford	467	228
Laurens	743	340	Balance of county	2	80	White	405	186
White	397	198	Brule	139	49	Nonwhite	62	42
Nonwhite	346	141	Buffalo	2	11	Benton	197	85
Lee	638	151	White	-	4	Blodgett	268	66
White	55	41	Nonwhite	2	7	Blount	1,372	305
Nonwhite	583	110	Butte	229	80	Bradley	882	281
Lexington	676	246	Campbell	1	20	Cleveland	745	159
White	359	169	Charles Mix	321	108	White	703	132
Nonwhite	317	78	White	271	92	Nonwhite	42	27
McCormick	807	91	Nonwhite	50	16	Balance of county	137	122
White	61	27						
Nonwhite	226	64						

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
TENNESSEE—Continued			TENNESSEE—Continued			TEXAS—		
Campbell	1,257	351	McMinn	876	275		202,215	65,548
Cannon	197	89	McNairy	474	117	White	175,746	52,796
Carroll	540	220	Macon	249	107	Nonwhite	26,469	10,562
White	444	185	Madison	1,571	524	Anderson	687	349
Nonwhite	96	35	White	1,026	373	White	437	221
Carter	1,076	245	Nonwhite	645	251	Nonwhite	250	128
Chestnut	87	60	Jackson	1,270	443	Palestine	528	217
Chester	237	73	White	974	278	White	400	150
White	199	55	Nonwhite	296	165	Nonwhite	128	67
Nonwhite	39	18	Balance of county	401	181	Balance of county	159	132
Claborn	460	143	White	52	95	White	37	71
Clay	201	47	Nonwhite	349	86	Nonwhite	122	61
Cocke	649	211	Marion	462	150	Andrews	148	19
Coffee	562	151	Marshall	532	183	Angelina	878	275
Crockett	359	127	White	350	156	White	702	214
White	236	101	Nonwhite	42	27	Nonwhite	376	61
Nonwhite	123	26	Mauzy	913	367	Arenas	38	27
Cumberland	425	137	White	721	260	Archer	46	34
Davidson	8,063	3,635	Nonwhite	192	107	Armstrong	1	12
White	6,419	2,589	Columbia	610	154	Atascosa	521	132
Nonwhite	1,644	1,056	White	545	113	Austin	299	140
Nashville	7,228	2,558	Nonwhite	65	41	White	230	101
White	5,730	1,723	Balance of county	303	213	Nonwhite	69	39
Nonwhite	1,498	835	White	176	147	Bailey	155	37
Balance of county	835	1,077	Nonwhite	127	66	Bandera	46	33
White	889	876	Weigs	76	30	Bastrop	449	176
Nonwhite	146	201	Monroe	711	195	White	276	111
Decatur	181	59	Montgomery	946	327	Nonwhite	173	65
De Kalb	187	97	White	749	222	Baylor	174	50
Dickson	445	176	Nonwhite	197	105	Bee	625	187
Dyer	696	317	Clarksville	717	180	Bell	1,878	703
White	780	257	White	618	118	White	1,683	598
Nonwhite	116	60	Nonwhite	99	62	Nonwhite	195	105
Dyersburg	633	172	Balance of county	147	82	Temple	855	475
White	561	134	White	131	104	White	712	396
Nonwhite	72	38	Nonwhite	45	25	Nonwhite	123	77
Balance of county	263	145	Moore	22	25	Balance of county	1,045	230
Fayette	692	217	Morgan	269	83	Bexar	15,299	4,524
White	168	54	Obion	511	261	San Antonio	14,845	3,988
Nonwhite	724	163	White	453	215	White	14,005	3,697
Fentress	350	71	Nonwhite	59	46	Nonwhite	840	281
Franklin	714	229	Overton	489	149	Balance of county	456	536
White	671	209	Perry	66	47	Blanco	62	36
Nonwhite	43	20	Pickett	72	18	Borden	-	-
Gibson	1,270	420	Polk	435	109	Boque	275	132
White	980	299	Putnam	231	91	Bowie	1,050	431
Nonwhite	290	121	Rhea	345	147	White	721	277
Giles	498	238	Roane	1,217	285	Nonwhite	329	154
White	370	172	Robertson	624	222	Texarkana ⁷	578	251
Nonwhite	128	66	White	178	78	White	449	160
Grainger	185	75	Nonwhite	124	46	Nonwhite	129	81
Greene	1,168	416	Rutherford	1,054	358	Balance of county	472	180
Grundy	183	66	White	852	288	White	272	117
Hamblen	567	196	Nonwhite	202	70	Nonwhite	200	63
Hamilton	6,164	2,227	Scott	652	103	Brasoria	1,058	222
White	4,900	1,592	Sequatchie	121	27	White	920	171
Nonwhite	1,264	635	Sevier	584	154	Nonwhite	132	51
Chattanooga	5,703	1,816	Shelby	13,814	5,348	Brazos	1,147	261
White	4,467	1,236	White	8,358	3,042	White	868	156
Nonwhite	1,236	580	Nonwhite	5,456	2,306	Nonwhite	279	105
Balance of county	461	411	Memphis	12,533	4,303	Bryan	1,052	197
Hancock	194	52	White	7,795	2,515	White	848	127
Hardeman	550	392	Nonwhite	4,738	1,788	Nonwhite	184	70
White	229	231	Balance of county	1,281	1,045	Balance of county	115	64
Nonwhite	301	151	White	563	527	White	20	29
Hardin	239	114	Nonwhite	718	518	Nonwhite	95	35
Hawkins	545	199	Smith	129	114	Brewster	278	59
Haywood	991	231	Stewart	132	75	Briscoe	72	16
White	406	86	Sullivan	2,210	581	Brooks	390	67
Nonwhite	585	145	Bristol ⁶	77	81	Brown	632	269
Henderson	411	139	Kingsport	1,661	285	Brownwood	626	221
Henry	526	267	Balance of county	272	225	Balance of county	6	48
White	422	224	Sumner	625	242	Burleson	178	106
Nonwhite	104	43	White	540	200	White	65	64
Hickman	215	79	Nonwhite	85	42	Nonwhite	95	42
Houston	77	35	Tipton	740	213	Burnet	226	78
Humphreys	229	90	White	357	114	Caldwell	567	234
Jackson	244	85	Nonwhite	393	99	White	468	185
Jefferson	542	169	Trousdale	99	41	Nonwhite	79	49
Johnson	276	69	White	27	14	Calhoun	142	38
Knox	5,683	2,262	Nonwhite	21	14	Callahan	127	49
White	5,359	1,935	Union	96	32	Cameron	5,247	1,284
Nonwhite	324	327	Van Buren	103	53	Brownsville	1,501	385
Knoxville	5,473	1,623	Warren	57	18	Harlingen	1,046	288
White	4,963	1,360	Washington	667	211	Balance of county	2,700	605
Nonwhite	510	263	Johnson City	1,553	643	Camp	860	90
Balance of county	420	639	White	1,295	457	White	254	57
Lake	413	83	Nonwhite	402	197	Nonwhite	106	33
White	311	52	Balance of county	52	55	Carson	69	41
Nonwhite	102	31	Wayne	186	259	Cass	629	209
Lauderdale	467	201	Weakley	502	109	White	376	139
White	212	97	White	439	284	Nonwhite	253	71
Nonwhite	255	104	Williamson	450	151	Castro	90	16
Lawrence	769	205	White	562	201	Chambers	95	40
Lewis	341	34	Nonwhite	435	147	White	54	31
Lincoln	745	273	Wilson	147	54	Nonwhite	39	9
White	606	220	White	875	308	Cherokee	923	568
Nonwhite	137	53	Nonwhite	765	259	White	692	373
Loudon	561	147	Nonwhite	108	49	Nonwhite	231	193

⁶Includes data for Bristol, Tenn., only.⁷Includes data for Texarkana, Tex., only.

GENERAL TABLES—BIRTHS AND DEATHS

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
TEXAS—Continued			TEXAS—Continued			TEXAS—Continued		
Childress	235	92	Gray—Continued			Jefferson—Continued		
Clay	95	51	Balance of county	26	24	Beaumont	2,982	866
Cochran	121	22	Grayson	1,639	705	White	2,106	543
Coke	34	19	Denison	561	254	Nonwhite	876	323
Coleman	285	118	White	496	175	Port Arthur	2,302	407
Collin	793	491	Nonwhite	65	59	White	1,880	303
Collingsworth	209	71	Sherman	805	289	Nonwhite	422	104
Colorado	584	145	White	739	246	Balance of county	170	167
White	269	95	Nonwhite	66	43	White	117	134
Nonwhite	115	52	Balance of county	273	182	Nonwhite	53	35
Comal	404	189	Gregg	1,733	479	Jim Hogg	123	31
Comanche	111	11	White	1,262	322	Jim Wells	918	180
Concho	43	14	Nonwhite	471	157	Johnson	651	257
Cooke	552	204	Longview	985	239	Cleburne	556	161
Correll	178	115	White	661	150	Balance of county	95	96
Cottle	272	69	Nonwhite	324	88	Jones	434	167
Crane	109	18	Balance of county	749	241	Karnes	472	144
Crockett	55	18	White	601	172	Kaufman	702	498
Crosby	513	78	Nonwhite	147	69	White	475	364
Culberson	40	15	Grimes	425	150	Nonwhite	227	134
Dallas	11	25	White	227	84	Terrell	401	344
Dallas	15,179	4,870	Nonwhite	198	66	White	290	254
White	12,980	3,830	Guadalupe	647	220	Nonwhite	111	90
Nonwhite	2,219	840	White	551	168	Balance of county	301	154
Dallas	14,731	3,975	Nonwhite	96	52	White	185	110
White	12,654	3,258	Hale	668	215	Nonwhite	116	44
Nonwhite	2,077	719	Hall	546	102	Kendall	46	36
Highland Park	-	-	Hemphill	139	107	Kenedy	9	5
White	-	40	Hensford	26	22	Kent	17	15
Nonwhite	-	2	Hardenman	270	87	Kerr	325	227
University Park	-	58	Hardin	506	122	Kimble	43	25
Balance of county	448	595	White	432	95	King	1	3
White	306	477	Nonwhite	74	27	Kinney	45	14
Nonwhite	142	118	Harris	20,827	5,794	Kleberg	785	135
Dawson	720	173	White	16,555	4,320	Knox	326	92
Deaf Smith	254	59	Nonwhite	4,272	1,474	Lamar	1,261	505
Delta	91	60	Houston	18,511	5,152	White	1,022	394
Denton	529	303	White	14,457	3,792	Nonwhite	239	109
Denton	171	71	Nonwhite	4,054	1,360	Paris	925	365
White	499	153	Balance of county	2,316	642	White	778	304
Nonwhite	40	18	White	2,098	528	Nonwhite	147	61
Balance of county	182	132	Nonwhite	218	114	Balance of county	336	118
De Witt	489	245	Harrison	1,197	427	White	244	90
White	483	183	White	803	205	Nonwhite	92	28
Nonwhite	76	62	Marshall	222	694	Lamb	761	143
Dickens	101	48	White	773	279	Lampasas	206	91
Dimmit	296	104	Nonwhite	469	155	La Salle	206	63
Donley	56	52	Balance of county	284	124	Lavaca	649	239
Duval	376	99	White	424	148	White	581	202
Eastland	821	277	Nonwhite	14	50	Nonwhite	68	37
Ector	1,204	164	Hartley	410	98	Lee	125	65
Edwards	50	16	Haskell	180	51	White	94	56
Ellis	856	391	Hays	306	94	Nonwhite	41	29
White	659	296	Hemphill	391	135	Leon	157	76
Nonwhite	197	95	Henderson	89	14	White	55	47
El Paso	7,588	1,684	White	454	166	Nonwhite	102	29
El Paso	6,285	1,406	Nonwhite	330	129	Liberty	899	266
Balance of county	1,323	278	Hidalgo	104	37	White	712	199
White	566	184	McAllen	7,271	1,816	Nonwhite	187	67
Nonwhite	645	301	Balance of county	1,184	242	Limestone	492	260
Falls	456	207	Hill	6,087	1,574	White	276	182
White	189	94	White	465	255	Nonwhite	216	96
Nonwhite	584	312	Nonwhite	358	193	Lipscomb	67	21
Fannin	528	265	Hockley	107	62	Live Oak	179	77
White	56	49	Hood	501	103	Llano	68	44
Nonwhite	404	221	Hopkins	61	39	Loving	-	1
Fayette	290	165	White	475	180	Lubbock	3,091	681
White	114	56	Nonwhite	404	157	Balance of county	2,628	516
Nonwhite	251	99	Houston	71	23	White	463	185
Fisher	175	59	White	491	211	Nonwhite	207	80
Floyd	81	31	Nonwhite	271	115	Lynn	345	125
Foard	666	277	Howard	220	96	McCulloch	3,027	1,147
Fort Bend	491	194	White	813	236	McLennan	2,344	883
White	175	65	Nonwhite	803	181	White	685	264
Nonwhite	72	42	Big Spring	10	55	Nonwhite	2,710	809
Franklin	329	158	Balance of county	163	18	White	2,204	608
Freeston	145	88	Hudspeth	1,021	448	Nonwhite	506	200
White	184	70	Hunt	843	383	Balance of county	317	359
Nonwhite	359	107	White	178	65	White	140	275
Frio	316	49	Nonwhite	681	259	Nonwhite	177	64
Galveston	3,128	1,231	Greenville	570	200	McNallen	8	4
White	2,339	927	White	111	39	White	135	57
Nonwhite	769	304	Nonwhite	340	209	Nonwhite	78	35
Galveston	2,580	1,071	Balance of county	273	183	Waco	685	264
White	1,800	794	White	67	26	White	2,710	809
Nonwhite	760	277	Nonwhite	275	183	Nonwhite	2,204	608
Balance of county	568	160	Brtchinson	972	117	White	506	200
White	559	133	Borger	882	104	Nonwhite	317	359
Nonwhite	9	27	Balance of county	90	13	White	140	275
Garza	76	35	Irion	14	11	Nonwhite	177	64
Gillespie	357	121	Jack	116	59	Marion	65	30
Glasscock	-	1	Jackson	195	79	Nonwhite	157	68
Goliad	116	52	White	145	63	Martin	145	28
White	100	48	Nonwhite	50	16	Mason	96	54
Nonwhite	16	4	Jasper	511	159	Matagorda	745	197
Gonzales	487	185	White	357	112	White	599	147
White	393	146	Nonwhite	154	47	Nonwhite	146	50
Nonwhite	94	39	Jeff Davis	48	9	Maverick	428	99
Gray	715	188	Jefferson	5,454	1,440	Medina	509	137
White	689	144	White	4,103	980	Memart	24	14
Nonwhite			Nonwhite	1,351	460	Midland	574	119
Pampa						White	462	207
						Nonwhite	351	154
						Milam	151	53
						Mills	33	49

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
TEXAS—Continued			TEXAS—Continued			UTAH		
Mitchell	395	107	Smith—Continued				21,350	5,022
Montague	325	167	Balance of county	379	245	White	21,091	4,891
Montgomery	591	256	White	73	100	Nonwhite	269	131
White	441	172	Nonwhite	306	145	Beaver	95	36
Nonwhite	150	64	Somervell	26	30	Box Elder	607	159
Moore	368	44	Starr	548	109	CACHE	1,130	225
Morris	158	65	Stephens	207	103	Logan	1,085	148
White	87	39	Sterling	16	5	Balance of county	45	77
Nonwhite	71	26	Stoneswell	22	16	Carbon	945	186
Motley	195	41	Sutson	90	25	Daggett	-	1
Macgdoches	800	248	Swisher	115	87	Davis	63	96
White	521	170	Tarrant	8,788	2,954	Duchesne	284	52
Nonwhite	279	78	White	7,705	2,499	Emery	7	27
Navarro	853	387	Nonwhite	1,083	455	Garfield	145	32
White	617	284	Fort Worth	8,438	2,571	Grand	59	16
Nonwhite	246	123	White	7,372	2,135	Iron	455	88
Corsicana	716	275	Nonwhite	1,066	436	Juab	49	27
White	569	193	Balance of county	350	395	Kane	69	14
Nonwhite	136	82	Taylor	1,590	522	Millard	259	88
Balance of county	147	112	Abilene	1,468	395	Morgan	-	13
White	37	71	Balance of county	124	137	Plute	15	14
Nonwhite	110	41	Terrell	84	20	Rich	-	6
Newton	309	61	Terry	421	86	Salt Lake	-	16
White	95	30	Throckmorton	1	17	Salt Lake City	8,823	2,200
Nonwhite	114	31	Titus	277	131	Balance of county	8,041	1,927
Nolan	510	143	White	211	106	San Juan	782	273
Sweetwater	362	106	Nonwhite	66	25	White	127	26
Balance of county	128	37	Tom Green	1,896	556	Nonwhite	109	17
Nueces	5,584	1,132	San Angelo	1,454	416	Sanpete	370	113
Corpus Christi	4,171	798	Balance of county	432	140	Sevier	522	98
Balance of county	1,363	334	Travis	4,004	1,401	Summit	227	49
Ochiltree	261	43	White	3,380	1,131	Tooele	396	70
Oldham	-	7	Nonwhite	614	270	Uintah	321	59
Orange	1,257	227	Austin	3,925	1,309	White	276	42
White	1,110	192	White	3,359	1,056	Nonwhite	45	17
Nonwhite	142	45	Balance of county	58	253	Utah	2,639	556
Palo Pinto	363	138	White	51	75	Provo	1,421	237
White	147	94	Nonwhite	28	17	Balance of county	1,277	318
Nonwhite	57	47	Trinity	146	75	Wasatch	169	43
Parker	90	47	White	88	43	Washington	300	86
White	360	163	Nonwhite	58	32	Wayne	7	11
Nonwhite	38	30	Tyler	162	59	Weber	3,228	674
Pecos	205	52	White	114	37	Balance of county	3,226	594
White	386	146	Nonwhite	48	22	Ogden	2	80
Nonwhite	240	91	Upland	485	155	VERMONT	8,897	4,154
Potter	146	55	White	317	106	White	8,894	4,151
Amarillo (part)	2,305	660	Nonwhite	168	49	Nonwhite	3	3
Amarillo (total)	2,505	596	Upton	46	18	Addison	401	135
Balance of county	-	64	Uvalde	532	169	Bennington	569	287
Presidio	212	43	Val Verde	596	160	Caledonia	621	287
White	22	25	Balance of county	591	152	Chittenden	1,965	672
Nonwhite	147	62	Van Zandt	5	8	Burlington	1,608	459
Amarillo (part)	-	10	Balance of county	361	167	Balance of county	357	213
Nonwhite	147	52	Victoria	1,020	937	Essex	74	48
Rangan	75	8	White	83	237	Franklin	732	305
Real	37	14	Nonwhite	85	41	Grand Isle	19	39
White	439	194	Victoria	880	205	Lamoille	261	95
Nonwhite	294	135	White	828	178	Orange	231	170
Reeves	145	59	Nonwhite	52	27	Orleans	631	208
White	503	99	Balance of county	140	73	Rutland	961	532
Nonwhite	263	64	White	109	59	Balance of county	692	295
White	225	51	Nonwhite	31	14	Washington	269	256
Nonwhite	58	12	Walker	426	193	Barre	1,047	563
Roberts	-	3	White	238	104	Balance of county	591	163
Robertson	432	235	Nonwhite	188	89	Windham	458	400
White	198	120	Waller	165	62	Windsor	772	410
Nonwhite	234	115	White	41	32	White	614	388
Rockwell	82	30	Nonwhite	124	30	VERMONT ^a	78,946	29,262
White	31	37	Ward	494	85	Accomack	466	329
Nonwhite	31	17	Washington	537	249	White	158	194
Runnels	337	124	White	320	141	Nonwhite	308	135
Rusk	873	319	Nonwhite	217	108	Albemarle	1,796	610
White	569	209	Webb	1,985	522	White	1,250	461
Nonwhite	304	110	Laredo	1,975	505	Nonwhite	546	149
Sabine	160	51	Balance of county	20	17	Alleghany	412	141
White	101	36	Wharton	1,314	352	Amelia	176	67
Nonwhite	59	15	White	1,038	258	White	46	23
San Augustine	213	82	Nonwhite	94	94	Nonwhite	130	44
White	105	55	Wheeler	263	77	Amherst	168	179
Nonwhite	108	27	Wichita	2,225	812	White	71	139
San Jacinto	70	33	Wichita Falls	1,995	492	Nonwhite	97	40
White	8	13	Balance of county	320	230	Appomattox	77	69
Nonwhite	62	20	Willbarger	467	121	White	28	35
San Patricio	1,247	549	Willacy	931	195	Nonwhite	49	34
San Saba	204	55	Williamson	967	347	Arlington ^b	1,285	469
Schleicher	39	17	White	746	272	Augusta	591	351
Scarry	258	74	Nonwhite	241	75	Bath	117	51
Shackelford	14	21	Wilson	384	116	White	112	50
Shelby	480	161	Winkler	277	58	Nonwhite	5	1
White	355	137	Wise	304	118	Yoakum	25	6
Nonwhite	125	44	Wood	313	139	Young	489	150
Sherman	-	1	White	114	265	Zapata	95	16
Smith	1,808	624	Nonwhite	46	25	Zavala	359	94
White	1,167	350	Yoakum	25	6			
Nonwhite	641	274	Young	489	150			
Tyler	1,429	379	Zapata	95	16			
White	1,094	250	Zavala	359	94			
Nonwhite	335	129						

^aCities of Virginia are independent, each having the same status as a county. See list of independent cities following counties of this State.
^bClassified as urban under a special rule in the 1940 census.

GENERAL TABLES—BIRTHS AND DEATHS

67

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued.

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
VIRGINIA ⁹ —Continued			VIRGINIA ⁹ —Continued			VIRGINIA ⁹ —Continued		
Bedford	486	309	James City	68	37	Russell	715	187
White	548	249	White	3	12	Scott	249	159
Nonwhite	138	60	Nonwhite	65	25	Shenandoah	383	197
Bland	81	24	King and Queen	96	58	Smyth	828	318
Botetourt	110	113	White	19	26	Southampton	728	235
White	84	98	Nonwhite	67	32	White	175	76
Nonwhite	26	25	King George	80	37	Nonwhite	554	159
Brunswick	494	146	White	21	20	Spotsylvania	47	86
White	106	52	Nonwhite	39	17	White	13	55
Nonwhite	388	94	King William	88	61	Nonwhite	54	31
Buchanan	1,149	209	White	18	32	Stafford	49	72
Buckingham	197	99	Nonwhite	70	49	White	20	55
White	57	54	Lancaster	146	95	Nonwhite	28	19
Nonwhite	140	45	White	49	52	Surry	123	59
Campbell	347	172	Nonwhite	97	43	White	4	29
White	198	111	Lee	852	284	Nonwhite	119	30
Nonwhite	149	61	Loudoun	470	224	Sussex	247	84
Caroline	234	116	White	336	173	White	8	27
White	49	32	Nonwhite	134	51	Nonwhite	239	57
Nonwhite	185	84	Louisa	258	105	Tazewell	1,576	420
Carroll	368	128	White	119	56	Warren	397	116
Charles City	115	52	Nonwhite	139	49	Warwick	408	114
White	14	14	Duaneburg	249	111	White	191	69
Nonwhite	101	38	White	73	60	Nonwhite	217	45
Charlotte	221	95	Nonwhite	176	51	Washington	783	312
White	38	40	Madison	32	66	Westmoreland	186	86
Nonwhite	183	55	White	22	51	White	142	51
Chesterfield	170	465	Nonwhite	30	15	Nonwhite	144	37
White	18	338	Mathews	47	85	Wise	1,711	420
Nonwhite	152	127	White	15	55	Wythe	632	186
Clarke	41	33	Nonwhite	32	30	York	72	33
White	34	38	Mecklenburg	653	255	White	9	23
Nonwhite	7	15	White	126	98	Nonwhite	63	30
Craig	33	31	Nonwhite	527	157	Independent Cities ¹⁰		
Culpeper	162	94	Middlesex	58	87	Alexandria	1,911	454
White	62	61	White	8	46	White	1,651	373
Nonwhite	100	33	Nonwhite	50	41	Nonwhite	260	81
Cumberland	144	63	Montgomery	523	197	Bristol ¹¹	1,251	215
White	23	26	Hansemond	362	203	White	1,204	196
Nonwhite	121	37	White	28	54	Nonwhite	47	19
Dickenson	696	119	Nonwhite	334	149	Buena Vista	39	36
Dinwiddie	289	460	Nelson	103	95	Charlottesville	443	175
White	31	49	White	43	69	White	435	150
Nonwhite	258	411	Nonwhite	60	24	Nonwhite	8	25
Elizabeth City	326	406	New Kent	42	48	Clifton Forge	370	144
White	225	240	White	3	22	White	311	121
Nonwhite	101	166	Nonwhite	39	26	Nonwhite	59	23
Essex	93	60	Norfolk	2,722	425	Denville	1,784	489
White	24	25	White	2,205	278	White	1,390	314
Nonwhite	69	35	Nonwhite	517	147	Nonwhite	394	175
Fairfax	918	305	Northampton	706	272	Fredericksburg	771	162
White	854	252	White	368	129	White	635	121
Nonwhite	84	53	Nonwhite	338	143	Nonwhite	136	41
Fauquier	515	186	Northumberland	131	103	Hampton	784	159
White	370	128	White	42	67	White	577	95
Nonwhite	145	58	Nonwhite	89	36	Nonwhite	207	64
Floyd	106	75	Nottoway	209	220	Harrisonburg	1,233	246
Fluvanna	71	66	White	42	85	White	315	62
White	20	43	Nonwhite	167	137	Nonwhite	289	51
Nonwhite	51	23	Orange	202	109	White	26	11
Franklin	431	144	White	140	76	Lynchburg	2,124	614
White	320	128	Nonwhite	62	33	White	1,648	429
Nonwhite	111	16	Page	288	139	Nonwhite	476	186
Frederick	17	87	Petrick	442	104	White	893	159
Giles	456	154	Pittsylvania	868	368	Nonwhite	623	101
Gloucester	119	74	White	209	201	White	270	59
White	45	32	Nonwhite	679	167	Newport News	2,658	582
Nonwhite	74	42	Powhatan	72	65	White	1,380	322
Goochland	141	74	White	16	25	Nonwhite	779	260
White	26	31	Nonwhite	56	40	Norfolk	5,760	2,031
Nonwhite	115	43	Prince Edward	628	224	White	4,009	1,197
Grayson	374	149	White	384	103	Nonwhite	1,751	834
Greene	32	58	Nonwhite	244	121	Petersburg	1,170	508
White	23	29	Prince George	590	85	White	738	249
Nonwhite	9	9	White	399	47	Nonwhite	372	259
Greensville	367	176	Nonwhite	191	36	Portsmouth	2,364	724
White	28	28	Prince William	537	127	White	1,508	354
Nonwhite	339	88	White	476	99	Nonwhite	856	370
Halifax	1,155	332	Nonwhite	61	28	Radford	711	106
White	513	144	Princess Anne	476	394	Richmond	8,761	3,296
Nonwhite	642	188	White	218	214	White	6,311	2,110
Hanover	203	153	Nonwhite	258	160	Nonwhite	2,450	1,186
White	59	93	Pulaski	572	210	Roanoke	3,521	1,058
Nonwhite	144	60	Rappahannock	48	42	White	3,019	929
Henrico	104	212	White	38	30	Nonwhite	502	229
White	56	172	Nonwhite	10	12	South Norfolk	64	50
Nonwhite	68	40	Richmond	112	58	White	11	30
Henry	444	139	White	49	30	Nonwhite	53	20
White	208	71	Nonwhite	63	28	Staunton	686	431
Nonwhite	236	68	Roanoke	113	352	White	653	395
Highland	56	32	Rockbridge	631	236	Nonwhite	33	38
Isle of Wight	250	126	White	577	206			
White	30	50	Nonwhite	54	30			
Nonwhite	220	76	Rockingham	157	187			

⁹See footnote on p. 66.

¹⁰Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roanoke, Staunton, Suffolk, and Winchester.

¹¹Includes data for Bristol, Va., only.

VITAL STATISTICS OF THE UNITED STATES

TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
VIRGINIA ⁸ —Continued			WEST VIRGINIA—Con.			WISCONSIN-----		
Independent cities ¹⁰ —Con.						82,442 32,987		
Suffolk-----	626	242	Brooke-----	86	137	Adams-----	72	69
White-----	581	101	Cabell-----	3,384	1,334	White-----	80,992	32,833
Nonwhite-----	245	141	Buntington (part)-----	3,093	1,203	Nonwhite-----	1,450	454
Williamsburg-----	228	224	Buntington (total)-----	3,094	1,347	Ashland-----	869	244
White-----	184	214	Balance of county-----	291	125	Ashland-----	634	200
Nonwhite-----	74	10	Calhoun-----	181	65	Balance of county-----	35	44
Winchester-----	1,207	256	Clay-----	286	56	White-----	30	44
WASHINGTON-----	57,581	22,560	Doddridge-----	102	71	Nonwhite-----	5	5
White-----	55,625	21,900	Fayette-----	2,453	635	Barron-----	977	355
Nonwhite-----	1,956	660	White-----	2,153	496	Bayfield-----	75	103
Adams-----	102	44	Nonwhite-----	300	159	Brown-----	3,351	917
Asotin-----	139	101	Gilmer-----	138	82	Green Bay-----	3,326	718
Benton-----	1,180	187	Grant-----	278	69	Balance of county-----	25	189
Chelan-----	1,315	347	Greenbrier-----	935	278	Buffalo-----	168	125
Wenatchee-----	991	215	Hempshire-----	132	79	Burnett-----	200	112
Balance of county-----	324	132	Hancock-----	192	156	Calumet-----	16	104
Clallam-----	200	200	Hardy-----	101	63	Chippewa-----	1,280	450
Clark-----	2,242	750	Harrison-----	2,231	815	Chippewa Falls-----	306	239
Vancouver-----	1,965	533	Clarkeburg-----	1,803	521	Balance of county-----	384	211
Balance of county-----	277	217	Balance of county-----	328	294	Clark-----	304	224
Columbia-----	104	52	Jackson-----	246	109	Columbia-----	925	413
Cowlitz-----	1,601	401	Jefferson-----	262	169	Crawford-----	455	183
Longview-----	1,582	258	White-----	218	143	Dane-----	4,344	1,745
Balance of county-----	19	143	Nonwhite-----	44	26	Madison-----	4,053	1,237
Douglas-----	8	43	Kanawha-----	7,237	1,805	Balance of county-----	281	508
Ferry-----	47	35	Charleston-----	4,971	1,038	Dodge-----	1,103	508
White-----	46	32	White-----	4,797	916	Beaver Dam-----	945	232
Nonwhite-----	1	3	Nonwhite-----	174	122	Watertown (part)-----	-	17
Franklin-----	848	128	South Charleston-----	1,090	205	Balance of county-----	158	260
Garfield-----	71	31	Balance of county-----	1,176	561	Door-----	456	189
Grant-----	339	93	Lewis-----	450	382	Douglas-----	1,019	593
Grays Harbor-----	1,268	596	Lincoln-----	595	131	Superior-----	1,006	497
Aberdeen-----	1,137	402	Logan-----	2,477	564	Balance of county-----	13	96
Houquiam-----	1	63	White-----	2,271	510	Dunn-----	445	281
Balance of county-----	130	131	Nonwhite-----	205	54	Eau Claire-----	1,702	582
Island-----	285	75	McDowell-----	3,129	729	Eau Claire-----	1,697	479
Jefferson-----	328	102	White-----	2,451	540	Balance of county-----	5	105
King-----	17,389	7,058	Nonwhite-----	678	189	Florence-----	1	15
Seattle-----	14,843	5,880	Marion-----	1,762	607	Pond du Lac-----	1,932	802
White-----	14,040	5,420	Fairmont-----	1,443	373	Fond du Lac-----	1,666	525
Nonwhite-----	803	240	Balance of county-----	319	234	Balance of county-----	266	277
Balance of county-----	2,546	1,408	Marshall-----	579	300	Forest-----	234	79
Kitsap-----	1,870	581	Moundsville-----	7	64	Grant-----	990	440
Bremerton-----	1,833	416	Balance of county-----	572	236	Green-----	222	271
Balance of county-----	37	165	Mason-----	520	282	Green Lake-----	326	144
Kittitas-----	545	198	White-----	2,603	753	Iowa-----	616	243
Klickitat-----	223	95	Nonwhite-----	2,364	626	Iron-----	17	44
Lewis-----	1,054	465	Bluefield ¹² -----	1,483	432	Jackson-----	305	150
Lincoln-----	70	59	White-----	1,333	343	Jefferson-----	1,197	501
Mason-----	318	111	Nonwhite-----	150	89	Watertown (part)-----	829	228
Okanogan-----	893	219	Balance of county-----	1,120	321	Watertown (total)-----	829	245
Pacific-----	309	134	Mineral-----	618	215	Balance of county-----	368	273
Pend Oreille-----	209	87	Mingo-----	1,675	370	Juneau-----	338	174
Pierce-----	6,581	2,947	Monongalia-----	1,708	527	Kenosha-----	1,656	594
Tacoma-----	4,625	1,846	Morgantown-----	615	237	Balance of county-----	7	480
Balance of county-----	1,956	1,101	Balance of county-----	1,093	290	Kewaunee-----	404	115
San Juan-----	9	22	Monroe-----	172	149	La Crosse-----	2,342	613
Skagit-----	937	645	Morgan-----	259	92	La Crosse-----	2,329	678
Skamania-----	1	25	Nicholas-----	844	209	Balance of county-----	13	135
Snohomish-----	2,145	1,053	Ohio-----	2,793	1,021	Lafayette-----	64	109
Everett-----	1,702	538	Wheeling-----	2,781	955	Langlade-----	650	195
Balance of county-----	443	515	Balance of county-----	12	66	Lincoln-----	647	261
Spokane-----	6,016	2,879	Pendleton-----	105	51	Manitowoc-----	1,516	513
Balance of county-----	5,974	2,168	Pleasants-----	67	51	Manitowoc-----	1,110	289
Stevens-----	406	185	Pocahontas-----	304	137	Two Rivers-----	396	101
Thurston-----	953	372	Preston-----	388	218	Balance of county-----	10	123
Olympia-----	929	281	Putnam-----	221	98	Marathon-----	1,817	599
Balance of county-----	24	111	Raleigh-----	2,832	729	Wausau-----	1,692	419
Wahkiakum-----	-	20	White-----	2,449	597	Balance of county-----	125	180
Walla Walla-----	1,192	446	Nonwhite-----	383	132	Marinette-----	731	385
Balance of county-----	1,191	371	Beckley-----	1,250	378	Marinette-----	686	225
Walla Walla-----	1	75	White-----	1,135	298	Balance of county-----	45	163
Balance of county-----	1	75	Nonwhite-----	115	80	Marquette-----	9	84
Wahlecom-----	1,639	677	Balance of county-----	1,582	351	Milwaukee-----	20,755	8,211
Bellingham-----	1,545	484	Randolph-----	1,314	299	Milwaukee-----	19,613	5,647
Balance of county-----	94	193	White-----	268	82	Manitowish-----	180	183
Whitman-----	590	202	Nonwhite-----	875	321	West Allis-----	15	156
Yakima-----	3,715	1,108	Ritchie-----	171	107	Cudahy-----	4	49
Yakima-----	2,369	493	Roane-----	370	218	Shorewood-----	1	67
Balance of county-----	1,346	615	Summers-----	523	208	South Milwaukee-----	278	63
WEST VIRGINIA-----	53,153	17,431	Taylor-----	441	185	Balance of county-----	664	2,066
White-----	50,243	16,039	Tucker-----	211	113	Monroe-----	731	309
Nonwhite-----	2,910	1,392	Tyler-----	149	95	Oconto-----	484	202
Barbour-----	423	178	Upshur-----	673	190	Oconto-----	526	230
Berkeley-----	641	474	Wayne-----	688	310	Outagamie-----	2,650	694
Martinsburg-----	827	258	Buntington (part)-----	1	138	Appleton-----	2,039	398
Balance of county-----	14	216	Balance of county-----	687	172	Balance of county-----	517	296
Boone-----	651	170	Webster-----	241	86	Ozaukee-----	566	205
Balance of county-----	656	176	Wirt-----	562	201	Pepin-----	201	64
Balance of county-----	656	176	Wood-----	71	35	Pierce-----	428	196
Balance of county-----	656	176	Parkersburg-----	2,140	784	Polk-----	703	262
Balance of county-----	656	176	Balance of county-----	2,086	628	Portage-----	654	309
Balance of county-----	656	176	Wyoming-----	54	156	Stevens Point-----	832	209
Balance of county-----	656	176		926	144			

⁸See footnote on p. 66.

¹⁰See footnote on p. 67.

¹²Includes data for Bluefield, W. Va., only.

GENERAL TABLES—BIRTHS AND DEATHS

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TABLE 1.—LIVE BIRTHS AND DEATHS: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(See headnote on p. 43)

AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths	AREA AND RACE	Live births	Deaths
WISCONSIN—Continued			WISCONSIN—Continued			WYOMING—Continued		
Portage—Continued			Washburn	291	117	Crook	55	29
Balance of county	22	100	Washington	628	301	Fremont	517	183
Price	388	145	Waukesha	1,322	782	White	595	153
Racine	2,735	984	Waukesha	1,147	259	Nonwhite	121	30
Racine	2,311	648	Balance of county	175	523	Goshen	259	82
Balance of county	422	336	Waupaca	584	381	Hot Springs	214	64
Richland	693	206	Wausara	128	146	Johnson	96	38
Rock	2,290	670	Winnebago	2,116	970	Laramie	1,242	353
Beloit	1,125	312	Oshkosh	1,295	502	Cheyenne	935	259
Janesville	901	284	Menasha	3	44	Balance of county	309	94
Balance of county	264	274	Neenah	804	172	Lincoln	322	63
Rusk	480	153	Balance of county	14	252	Natrona	843	287
St. Croix	457	251	Wood	2,018	548	Casper	843	249
Sauk	958	380	Marshfield	1,094	258	Balance of county	-	38
Sawyer	177	91	Wisconsin Rapids	889	170	Niobrara	119	41
White	58	71	Balance of county	35	120	Park	504	30
Nonwhite	119	20				Platte	177	59
Shawano	668	321	WYOMING	7,380	2,405	Sheridan	804	231
Sheboygan	2,098	860	Albany	540	146	Sheridan	503	175
Sheboygan	1,854	592	White	7,168	2,329	Balance of county	1	56
Balance of county	234	268	Nonwhite	192	76	Sublette	1	11
Taylor	390	129	Laramie	539	129	Sweetwater	559	179
Trempealeau	451	236	Balance of county	1	17	Teton	92	21
Vernon	588	234	Big Horn	281	95	Uinta	122	101
Vilas	82	70	Campbell	152	47	Washakie	241	48
White	77	63	Carbon	330	158	Weston	58	45
Nonwhite	15	7	Converse	127	49	Yellowstone National Park (part)	5	6
Walworth	747	434				Yellowstone National Park (total)	5	6

NOTE.—Certain cities listed in this table are located in more than one county. In these cases, figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amarillo, Tex., are shown under Potter County; Atlanta, Ga., under Fulton County; Bethlehem, Pa., under Northampton County; Centralia, Ill., under Marion County; Elgin, Ill., under Kane County; Ellwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W. Va., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, N. C., under Nash County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone National Park are shown under Wyoming.

VITAL STATISTICS OF THE UNITED STATES

TABLE 2.—LIVE BIRTHS BY MONTH: UNITED STATES AND EACH STATE, 1949

(By place of occurrence)

AREA	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
UNITED STATES-----	3,559,529	299,255	273,195	300,117	270,770	261,595	285,442	318,219	322,774	312,623	311,480	290,956	293,104
Alabama-----	83,958	7,541	6,882	7,009	6,009	6,256	6,627	7,644	7,791	7,280	7,237	6,743	7,189
Arizona-----	20,512	1,755	1,565	1,789	1,560	1,541	1,824	1,881	1,881	1,803	1,786	1,776	1,681
Arkansas-----	45,752	4,211	3,740	3,971	3,907	3,358	3,576	4,225	4,490	4,346	4,054	3,526	2,968
California-----	244,061	19,777	18,339	20,240	19,546	20,143	20,042	21,201	21,911	21,641	21,149	20,200	19,867
Colorado-----	33,383	2,656	2,479	2,713	2,721	2,637	2,736	3,071	2,947	2,863	2,939	2,688	2,711
Connecticut-----	39,967	3,420	3,035	3,465	3,241	3,269	3,215	3,535	3,467	3,432	3,542	3,065	3,281
Delaware-----	7,585	706	699	654	552	591	561	676	663	682	655	617	649
District of Columbia-----	27,672	2,364	2,089	2,274	1,993	2,074	2,169	2,512	2,593	2,557	2,479	2,282	2,286
Florida-----	61,375	5,380	4,715	5,046	4,098	4,212	4,349	5,212	5,669	5,551	5,800	5,584	5,761
Georgia-----	83,673	8,196	7,152	7,696	6,784	7,224	7,248	8,422	8,479	8,059	8,543	7,827	8,046
Iaho-----	15,757	1,303	1,198	1,409	1,528	1,357	1,298	1,377	1,422	1,295	1,397	1,203	1,202
Illinois-----	185,658	15,474	14,202	15,677	14,125	14,760	14,621	15,599	16,641	16,297	16,317	15,392	15,353
Indiana-----	95,068	8,028	7,315	7,889	7,155	7,462	7,392	8,525	8,717	8,350	8,484	7,754	7,997
Iowa-----	62,697	5,381	4,644	5,451	4,681	4,832	5,035	5,556	5,809	5,536	5,539	5,234	5,199
Kansas-----	42,505	3,596	3,254	3,381	3,122	3,152	3,126	3,749	4,064	3,945	3,872	3,581	3,648
Kentucky-----	76,412	6,641	6,246	6,761	5,914	6,225	6,314	6,487	6,591	6,526	6,527	6,155	6,025
Louisiana-----	75,293	6,604	5,829	5,780	4,522	4,692	5,581	7,217	7,543	7,279	6,971	6,632	6,643
Maine-----	21,808	1,788	1,687	1,850	1,761	1,826	1,860	1,969	1,972	1,824	1,831	1,592	1,628
Maryland-----	50,678	4,280	4,007	4,272	3,627	3,979	3,992	4,580	4,567	4,396	4,526	4,187	4,263
Massachusetts-----	96,275	8,076	7,447	8,444	7,843	7,704	7,956	8,621	8,128	8,222	8,569	7,658	7,607
Michigan-----	156,699	12,860	11,996	13,443	12,382	13,248	12,771	13,927	13,921	13,451	13,464	12,576	12,760
Minnesota-----	74,027	5,936	5,474	6,266	5,801	6,053	6,184	6,619	6,777	6,460	6,464	6,006	5,985
Mississippi-----	67,057	5,916	5,333	5,692	4,706	4,816	5,264	6,172	6,230	5,907	5,730	5,580	5,719
Missouri-----	87,351	7,628	6,940	7,458	6,368	6,286	6,554	7,767	8,067	7,812	7,855	7,381	7,325
Montana-----	15,137	1,242	1,142	1,257	1,267	1,308	1,226	1,385	1,256	1,315	1,324	1,222	1,193
Nebraska-----	31,418	2,648	2,431	2,705	2,415	2,374	2,451	2,864	2,678	2,809	2,765	2,545	2,533
Nevada-----	3,795	306	286	298	290	327	315	347	323	324	356	331	292
New Hampshire-----	12,197	953	945	1,106	1,013	998	977	1,108	1,143	1,002	1,023	964	960
New Jersey-----	94,671	7,823	7,404	8,120	7,300	7,617	7,501	8,484	8,376	8,277	8,329	7,757	7,883
New Mexico-----	21,292	1,734	1,588	1,769	1,743	1,809	1,774	1,934	1,941	1,781	1,833	1,658	1,728
New York-----	302,528	24,859	23,133	26,489	24,629	25,210	25,086	26,808	26,365	25,194	26,100	24,097	24,598
North Carolina-----	108,180	8,957	8,505	9,225	8,321	8,752	8,760	9,489	9,781	9,564	9,204	8,550	9,072
North Dakota-----	16,892	1,298	1,213	1,401	1,298	1,462	1,440	1,592	1,523	1,519	1,506	1,333	1,317
Ohio-----	189,396	15,724	14,719	16,078	14,632	15,488	15,289	16,746	17,076	16,603	16,318	15,287	15,438
Oklahoma-----	49,548	4,334	3,804	3,990	3,501	3,457	3,730	4,489	4,734	4,567	4,512	4,216	4,202
Oregon-----	35,267	2,793	2,528	2,872	2,941	2,998	3,049	3,068	3,219	3,026	2,961	2,769	2,923
Pennsylvania-----	224,815	18,703	17,213	19,170	17,541	18,345	18,201	20,105	20,119	19,546	19,503	18,214	18,155
Rhode Island-----	17,206	1,489	1,263	1,510	1,375	1,457	1,374	1,461	1,520	1,449	1,542	1,400	1,386
South Carolina-----	58,755	5,240	4,580	5,049	4,309	4,643	4,737	5,385	5,380	5,098	5,006	4,679	4,649
South Dakota-----	17,339	1,365	1,306	1,436	1,325	1,373	1,439	1,537	1,636	1,513	1,505	1,444	1,469
Tennessee-----	83,956	7,282	6,703	6,994	6,335	6,659	6,644	7,737	7,579	7,396	7,282	6,705	6,672
Texas-----	202,215	17,489	15,077	15,308	12,873	13,687	15,630	18,451	20,056	19,102	18,657	17,766	18,039
Utah-----	21,350	1,766	1,569	1,820	1,804	1,889	1,868	1,876	1,835	1,742	1,751	1,712	1,716
Vermont-----	6,697	726	700	786	717	746	778	815	648	735	796	712	739
Virginia-----	78,946	6,655	6,160	6,684	5,999	6,160	6,394	7,046	7,060	7,143	6,754	6,419	6,452
Washington-----	57,581	4,495	4,313	4,781	4,574	5,066	4,962	5,172	5,125	5,046	4,840	4,505	4,702
West Virginia-----	53,153	4,621	4,221	4,558	4,070	4,402	4,381	4,698	4,669	4,560	4,540	4,235	4,220
Wisconsin-----	82,442	6,734	6,094	7,037	6,643	6,865	6,752	7,266	7,322	7,122	7,152	6,637	6,588
Wyoming-----	7,360	585	551	602	591	621	671	656	670	656	621	570	586

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
UNITED STATES	3,559,529	3,097,090	289,981	168,166	14,302	ARIZONA	20,512	18,713	301	669	329
ALABAMA	63,959	48,850	15,921	18,697	520	Apache	925	770	28	45	82
Autauga	433	138	39	256	1	Cochise	660	753	43	59	6
Baldwin	911	296	351	262	2	Cocconino	600	544	32	11	13
Barbour	912	229	242	439	2	Gila	643	596	36	1	10
Bibb	855	1	172	178	4	Graham	346	296	43	2	5
Blount	634	342	275	16	1	Greenlee	408	391	15	4	-
Bullock	449	1	50	598	-	Maricopa	8,803	8,414	137	223	29
Butler	1,005	474	175	354	2	Phoenix	6,481	6,358	42	71	10
Calhoun	2,081	1,321	572	187	1	Balance of county	2,322	2,056	95	152	19
Camden	1,596	1,321	146	128	1	Mohave	261	245	2	-	14
Chambers	-	-	426	59	-	Navajo	785	708	29	24	34
Cherokee	932	447	126	256	2	Pima	3,822	3,583	248	90	101
Chilton	337	157	111	67	2	Tucson	305	1	184	64	54
Choctaw	611	268	257	87	1	Balance of county	3,519	3,382	64	26	47
Clarke	569	219	27	340	2	Pinal	1,389	1,118	98	126	17
Clay	606	273	159	373	-	Santa Cruz	296	1	48	23	7
Cleburne	331	231	45	54	1	Yavapai	587	549	27	5	6
Colbert	1,145	792	182	169	2	Yuma	807	733	17	52	5
Conecuh	589	89	159	336	5	ARKANSAS	45,752	29,009	9,594	6,841	318
Cook	215	68	65	85	1	Arkansas	608	338	148	115	7
Covington	1,102	705	242	153	2	Anhley	650	243	220	172	15
Crenshaw	406	102	125	134	5	Baxter	373	318	45	2	8
Cullman	1,274	1,115	135	32	4	Beaumont	777	659	113	3	2
Dale	455	62	201	151	1	Boone	637	586	47	3	1
Dallas	1,981	849	96	1,036	-	Bradley	417	252	129	29	7
Dallas	1,981	846	69	256	-	Calhoun	81	-	60	21	-
Dallas	1,981	846	69	256	-	Carroll	249	184	55	4	6
Dallas	1,981	846	69	256	-	Chicot	823	493	43	261	6
Dallas	1,981	846	69	256	-	Clark	420	195	91	128	6
Dallas	1,981	846	69	256	-	Clay	478	183	280	15	-
Dallas	1,981	846	69	256	-	Cleburne	293	243	37	9	4
Dallas	1,981	846	69	256	-	Cleveland	115	-	95	22	-
Dallas	1,981	846	69	256	-	Columbia	637	419	85	131	4
Dallas	1,981	846	69	256	-	Conway	498	312	89	91	6
Dallas	1,981	846	69	256	-	Craighead	1,547	1,314	187	33	13
Dallas	1,981	846	69	256	-	Crawford	1,165	1,118	10	28	9
Dallas	1,981	846	69	256	-	Balance of county	382	198	177	5	4
Dallas	1,981	846	69	256	-	Crittenden	297	167	97	9	4
Dallas	1,981	846	69	256	-	Cross	1,099	-	381	756	12
Dallas	1,981	846	69	256	-	Dallas	753	358	201	190	4
Dallas	1,981	846	69	256	-	Desha	262	74	160	48	2
Dallas	1,981	846	69	256	-	Drew	470	146	53	288	5
Dallas	1,981	846	69	256	-	Franklin	438	249	43	140	7
Dallas	1,981	846	69	256	-	Fulton	517	417	39	59	2
Dallas	1,981	846	69	256	-	Garland	222	179	44	-	-
Dallas	1,981	846	69	256	-	Balance of county	110	12	94	2	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,252	65	60	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	38	35	-
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	25	25	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	43	13	3
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	223	3	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	214	7	7
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	81	43	4
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	73	35	7
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	40	7	11
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	88	2	-
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	114	24	8
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	268	605	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	92	111	-
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	176	494	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	45	4	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	89	105	-
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	119	1	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	169	270	4
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	85	145	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	66	86	3
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	59	252	141
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	40	43	30
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	44	44	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	71	163	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	31	55	-
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	40	108	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	941	309	14
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	112	62	3
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	629	247	11
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	51	188	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	58	21	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	96	73	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	28	10	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	87	244	7
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	61	4	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	303	597	21
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	65	9	3
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	244	46	10
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	241	83	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	399	155	9
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	21	124	28
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	231	192	5
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	63	47	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	34	54	1
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	40	130	91
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	99	171	2
Dallas	1,981	846	69	256	-	Hot Springs	1,378	1,251	214	290	4

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
ARKANSAS—Continued					CALIFORNIA—Continued						
Saline	251	27	197	7	—	Nevada	400	393	7	—	—
Scott	126	62	65	1	—	Orange	4,112	3,997	108	—	6
Searcy	186	185	11	1.7	5	Santa Ana	999	987	12	—	—
Sebastian	2,175	2,061	85	31	—	Anaheim	114	104	10	—	—
Fort Smith	2,104	2,061	12	31	—	Fullerton	957	953	4	—	—
Balance of county	71	—	71	—	—	Balance of county	2,042	1,953	82	1	6
Sevier	589	545	24	18	2	Placer	515	497	15	3	—
Sharp	64	—	61	2	1	Plumas	287	—	—	—	1
Stones	42	—	32	5	5	Riverside	3,621	3,511	97	5	8
Union	1,173	839	97	229	8	Riverside	1,888	1,840	18	—	—
El Dorado	913	812	16	85	—	Balance of county	1,763	1,671	79	5	8
Balance of county	260	27	81	144	8	Sacramento	7,596	7,539	48	—	8
Van Buren	133	3	124	3	3	Sacramento	6,966	6,970	13	—	3
Washington	1,202	1,108	76	13	5	Balance of county	610	569	35	—	8
White	984	678	250	12	4	San Benito	504	291	11	1	1
Woodruff	372	126	204	34	6	San Bernardino	6,465	6,289	164	1	11
Yell	177	87	87	2	1	San Bernardino	3,155	3,107	48	—	—
CALIFORNIA					CALIFORNIA						
	244,061	239,692	3,400	338	641						
Alameda	20,651	20,630	182	2	17	Redlands	494	472	20	—	2
Oakland	14,118	13,999	102	2	13	Balance of county	2,611	2,707	94	1	9
Alameda	1,182	1,172	9	—	1	San Diego	14,071	13,938	97	4	32
Berkeley	3,491	3,482	9	—	1	San Diego	10,425	10,362	48	—	15
Albany	623	621	2	—	—	National City	591	575	9	—	7
San Leandro	3	—	2	—	1	Balance of county	3,055	3,001	40	4	10
Balance of county	1,416	1,356	58	—	2	San Francisco, coextensive with San Francisco (city)	19,226	19,142	46	14	24
Alpine	1	—	—	—	1	San Joaquin	5,059	5,015	29	3	12
Amador	60	59	21	—	1	Stockton	2,357	2,351	4	1	1
Butte	1,613	1,595	17	—	1	Lodi	699	699	—	—	—
Calaveras	58	17	40	—	1	Balance of county	2,003	1,965	25	2	11
Colusa	234	233	1	—	1	San Luis Obispo	1,105	1,073	31	—	1
Contra Costa	4,281	4,142	126	—	13	San Mateo	2,518	2,501	11	2	4
Richmond	1,697	1,611	77	—	9	Burlingame	2	1	1	—	—
Balance of county	2,584	2,531	49	—	4	Redwood City	1	—	—	—	1
Del Norte	230	223	1	—	1	San Mateo	2,408	2,407	1	—	—
El Dorado	246	219	25	1	—	Balance of county	107	95	9	2	3
Fresno	7,174	6,972	191	1	20	Santa Barbara	2,471	2,445	24	—	2
Fresno	5,176	5,127	45	—	6	Santa Barbara	1,398	1,385	11	—	2
Balance of county	1,998	1,845	138	1	14	Balance of county	1,073	1,060	13	—	—
Gleason	206	200	6	—	—	Santa Clara	8,280	8,202	41	—	7
Humboldt	1,721	1,668	48	—	5	San Jose	2,450	2,434	15	—	1
Eureka	956	955	1	—	—	Palo Alto	2,491	2,490	—	—	1
Balance of county	765	713	47	—	5	Balance of county	5,309	5,278	26	—	5
Imperial	1,986	1,580	343	30	55	Santa Cruz	1,388	1,388	7	—	1
Bradley	845	689	111	23	12	Santa Cruz	684	684	—	—	—
El Centro	444	379	54	6	5	Balance of county	712	704	7	—	1
Balance of county	697	472	178	9	39	Shasta	839	812	27	—	—
Inyo	254	244	5	2	3	Sierra	2	—	1	—	1
Kern	6,649	6,519	114	1	15	Siskiyou	682	684	34	1	3
Bakersfield	2,348	2,341	6	—	3	Solano	2,552	2,524	24	—	4
Balance of county	4,301	4,178	108	1	14	Vallejo	1,665	1,659	4	—	—
Kings	1,538	1,482	46	3	5	Balance of county	899	865	20	—	4
Lake	187	182	4	—	—	Sonoma	1,948	1,976	4	1	2
Lassen	546	542	4	—	—	Santa Rosa	575	575	—	—	—
Los Angeles	90,257	89,719	979	247	312	Balance of county	1,408	1,401	4	1	2
Long Beach	7,256	7,234	12	—	10	Stanislaus	3,389	3,353	34	2	—
Los Angeles	38,351	37,537	526	153	133	Modesto	2,236	2,234	2	—	—
Alhambra	1,164	1,158	2	3	1	Balance of county	1,153	1,119	32	2	—
Belvedere (twp.) ²	333	266	18	53	6	Sutter	315	310	3	1	1
Beverly Hills	4	—	4	—	—	Tehama	476	473	3	—	—
Burbank	2,601	2,597	4	—	—	Trinity	49	44	5	—	—
Glendale	4,677	4,669	5	—	3	Trinity	3,647	3,465	146	3	33
Huntington Park	841	839	2	—	—	Tuolumne	298	296	2	—	—
Inglewood	1,919	1,913	3	—	3	Ventura	2,990	2,767	119	—	4
Pasadena	2,603	2,583	18	2	—	San Buenaventura	557	550	7	—	—
Santa Monica	4,244	4,220	8	—	16	Balance of county	2,333	2,217	112	—	4
South Gate	881	878	2	—	—	Yolo	352	352	14	—	6
Bell	407	404	3	—	—	Yuba	919	915	3	—	1
Compton	992	980	11	—	1	COLORADO					
Lynwood	2,659	2,633	4	—	1	Adams	1,142	1,063	67	6	6
Maywood	789	787	—	1	—	Alamosa	480	470	2	4	4
Monrovia	158	158	20	—	—	Arapahoe	9	1	6	1	1
Pomona	1,361	1,351	5	—	5	Archuleta	62	—	55	2	5
Redondo Beach	9	—	—	—	2	Baños	137	91	45	—	1
San Gabriel	848	846	2	—	—	Bent	140	138	2	—	—
South Pasadena	1	—	—	—	1	Boulder	1,217	1,149	64	2	2
Whittier	1,340	1,337	3	—	—	Boulder	506	505	1	—	—
Balance of county	16,821	16,138	318	35	130	Balance of county	711	644	65	2	2
Madera	1,068	1,042	21	—	3	Chaffee	170	166	3	1	—
Marin	1,289	1,283	4	—	2	Cheyenne	112	111	1	—	—
Mariposa	48	48	1	—	3	Clear Creek	3	—	3	—	—
Mendocino	803	790	9	1	3	Comajo	90	—	64	2	4
Merced	2,150	2,137	10	—	3	Costilla	109	1	76	2	30
Merced	1,342	1,341	1	—	—	Crowley	29	—	26	—	1
Balance of county	808	796	9	—	3	Custer	1	—	1	—	—
Modoc	162	181	1	—	1	Delta	424	310	111	2	1
Mono	12	9	2	—	—	Denver, coextensive with Denver (city)	13,892	13,719	138	13	22
Monterey	3,393	3,338	50	—	5	Douglas	—	—	—	—	—
Monterey	311	308	3	—	2	Espe	48	46	2	—	—
Salinas	1,046	1,041	3	—	—						
Balance of county	2,036	1,989	44	—	3						
Napa	758	755	3	—	—						

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
COLORADO—Continued					CONNECTICUT—Continued						
Elbert	18	10	8	-	-	Tolland	404	403	1	-	-
El Paso	1,847	1,830	14	-	3	Windham	1,305	1,288	47	-	-
Colorado Springs	1,573	1,563	8	-	2	Willimantic	588	582	4	-	-
Balance of county	274	267	6	-	1	Balance of county	717	674	43	-	-
Fremont	341	332	8	1	-	DELAWARE					
Garfield	327	306	21	-	-	7,565					
Gilpin	-	-	-	-	-	Kent	720	515	68	128	9
Grand	98	85	12	-	1	New Castle	5,281	5,184	44	38	5
Gunnison	125	119	6	-	-	Wilmington	5,213	5,175	18	30	-
Hinsdale	-	-	-	-	-	Balance of county	78	9	20	38	5
Huerfano	243	116	66	56	5	Sussex	1,140	1,140	172	228	14
Jackson	1	-	-	1	-	DISTRICT OF COLUMBIA					
Jefferson	13	-	11	-	2	27,672					
Kiowa	65	64	1	-	-	61,375					
Kit Carson	258	243	12	-	-	Alachua	1,543	1,041	191	307	6
Lake	231	231	-	-	-	Gainesville	1,175	1,040	32	101	2
La Plata	502	461	40	1	2	Balance of county	570	1	159	206	4
Larimer	954	922	29	1	2	Baker	128	-	63	156	-
Fort Collins	-	-	-	-	-	Bay	1,250	1,025	73	150	2
Balance of county	954	922	29	1	2	Panama City	1,070	895	65	108	2
Las Animas	667	820	141	2	4	Balance of county	180	150	8	42	-
Trinidad	587	516	71	-	4	Bradford	315	187	18	107	3
Balance of county	80	4	70	2	4	Brevard	391	214	21	154	2
Lincoln	35	26	9	-	-	Broward	1,752	1,145	301	283	3
Logan	484	477	6	1	3	Fort Lauderdale	1,179	1,002	138	39	1
Mesa	953	901	48	1	3	Balance of county	553	143	163	245	2
Grand Junction	783	772	11	-	-	Calhoun	154	2	134	16	2
Balance of county	170	129	37	1	3	Charlotte	56	41	2	13	-
Mineral	40	21	18	-	1	Citrus	80	-	34	44	2
Moffat	305	296	8	-	1	Clay	107	7	43	56	1
Montezuma	529	504	19	-	1	Collier	48	8	9	30	1
Montrose	502	484	15	1	2	Columbia	628	408	58	160	-
Morgan	936	849	60	17	10	Dade	9,648	8,770	374	494	21
Otero	33	32	1	-	-	Miami	5,871	5,306	244	308	13
Ouray	10	10	5	-	-	Miami Beach	845	845	-	-	-
Pack	182	127	1	-	-	Balance of county	2,933	2,619	130	176	9
Phillips	28	27	1	-	-	De Soto	221	218	3	-	-
Pitkin	574	551	21	-	2	Dixie	96	-	73	22	1
Provers	2,809	2,004	284	32	19	Duval	7,985	7,346	145	472	20
Pueblo	1,331	1,153	158	13	7	Jacksonville	7,009	6,551	103	339	17
Pueblo	978	851	98	19	12	Balance of county	974	795	42	134	3
Balance of county	75	87	8	-	-	Essex	3,729	3,301	215	205	7
Rio Blanco	479	416	57	-	6	Pennacola	2,318	2,097	116	102	3
Rio Grande	328	324	4	-	-	Balance of county	1,411	1,204	99	104	4
Route	32	22	1	6	3	Flagler	49	-	13	35	1
Saguache	15	15	-	-	-	Franklin	152	97	16	38	1
San Juan	43	38	5	-	-	Gadsden	1,021	351	63	604	3
San Miguel	153	145	8	-	-	Gilchrist	59	6	24	7	2
Seawick	2	-	2	-	-	Gladys	20	-	14	6	-
Summit	33	32	1	-	-	Gulf	163	139	3	21	-
Teller	111	109	2	-	-	Hamilton	205	1	127	76	1
Washington	1,454	1,184	239	6	25	Hardee	193	159	21	13	-
Weld	1,203	1,180	17	3	3	Henry	76	53	10	11	2
Greeneley	251	4	222	3	22	Hernando	221	175	40	6	-
Balance of county	236	231	5	-	-	Highlands	349	314	15	19	1
CONNECTICUT					39,967						
Fairfield	9,592	9,541	46	5	-	Hillsborough	5,577	5,115	95	353	16
Bridgport	4,946	4,928	14	4	-	Tempe	3,979	3,667	29	273	10
Norwalk	1,350	1,337	12	1	-	Balance of county	1,598	1,446	66	80	6
Stamford	1,686	1,682	4	-	-	Holmes	307	168	111	28	-
Danbury	983	982	1	-	-	Indian River	265	161	36	48	-
Shelton	-	-	-	-	-	Jackson	922	428	164	322	8
Stratford (town)	4	1	3	-	-	Jefferson	304	33	91	180	-
Balance of county	623	611	12	-	-	Lafayette	67	-	59	8	-
Hartford	11,755	11,724	31	-	-	Lake	861	660	32	165	4
Hartford	8,081	8,075	6	-	-	Lee	535	434	13	86	2
Bristol	705	703	2	-	-	Fort Myers	514	433	2	78	1
West Britain	1,759	1,755	4	-	-	Balance of county	21	1	11	8	1
West Hartford (town)	47	47	-	-	-	Leon	1,273	793	26	427	27
East Hartford (town)	1	-	-	-	-	Tallahassee	388	125	12	232	19
Balance of county	1,182	1,144	18	-	-	Balance of county	885	668	14	195	8
Litchfield	1,484	1,470	13	-	1	Levy	239	88	60	90	1
Torrington	742	739	3	-	-	Liberty	38	-	20	14	4
Balance of county	742	731	10	-	1	Madison	418	161	13	241	3
Middlesex	1,159	1,138	7	-	-	Manatee	882	480	15	164	3
Middletown	1,150	1,148	2	-	-	Marion	892	571	73	245	3
Balance of county	9	4	5	-	-	Martin	145	122	3	20	-
New Haven	11,442	11,372	64	6	-	Monroe	733	630	15	87	1
New Haven	5,686	5,661	22	3	-	Key West	668	585	15	87	1
Meriden	1,170	1,167	2	1	-	Balance of county	65	65	-	-	-
Waterbury	3,245	3,235	9	1	-	Nassau	308	187	16	105	-
West Haven (town)	2	2	1	-	-	Ocala	798	695	42	59	2
Ansonia	2	1	1	-	-	Okechobee	39	18	5	14	2
Derby	907	906	1	-	-	Orange	2,559	1,965	253	357	4
Naugatuck	2	-	2	-	-	Orlando	2,154	1,853	152	147	2
Wallingford	2	-	2	-	-	Balance of county	405	112	101	190	2
Balance of county	426	402	23	1	-	Osceola	205	158	11	36	-
New London	2,828	2,801	24	-	3	Palm Beach	2,300	1,817	124	354	5
New London	1,599	1,593	3	-	3	West Palm Beach	1,429	1,312	7	110	-
Norwich	3	3	-	-	-	Balance of county	871	505	117	244	5
Balance of county	1,226	1,208	18	-	-	Pasco	335	190	119	24	2

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—						
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			
FLORIDA—Continued					GEORGIA—Continued									
Pinellas	2,384	2,068	96	216	6	Elbert	463	279	20	154	10			
St. Petersburg	1,715	1,495	44	171	3	Emmanuel	477	221	41	209	6			
Clearwater	489	482	2	24	1	Evans	168	67	52	45	2			
Balance of county	182	109	50	21	2	Fannin	352	175	156	19	4			
Polk	2,619	1,843	572	389	15	Fayette	96	25	66	5				
Lakeland	862	720	19	118	7	Floyd	1,693	1,519	77	86	11			
Balance of county	1,757	923	553	273	8	Rome	1,568	1,495	21	47	5			
Putnam	550	273	129	146	2	Balance of county	125	24	56	39	7			
St. Johns	654	555	-	77	2	Forayth	322	259	49	7				
St. Augustine	567	554	-	12	1	Franklin	471	315	119	35	2			
Balance of county	67	1	-	65	1	Fulton	15,186	14,770	350	43	23			
St. Lucie	545	336	6	203	-	Atlanta (part) ⁴	14,649	14,579	244	14	12			
Santa Rosa	202	1	163	36	2	Atlanta (total) ⁴	14,657	14,579	246	18	14			
Sarasota	466	424	21	8	13	Dist. 1511, Center Hill ⁴	-	-	-	-	-			
Sarasota	455	422	17	6	10	East Point	10	-	8	2	-			
Balance of county	11	2	4	2	3	Balance of county	527	391	98	27	11			
Seminole	659	434	16	209	-	Gilmer	277	239	8	25	5			
Sanford	555	433	1	121	-	Glascok	61	-	19	37	5			
Balance of county	104	1	15	88	-	Glynn	809	539	34	233	4			
Sumter	154	54	20	79	1	Brunswick	753	539	27	187	1			
Suwanee	471	191	140	138	2	Balance of county	56	-	7	46	3			
Taylor	177	-	111	65	1	Gordon	391	307	73	7	4			
Union	60	-	35	42	3	Grady	527	201	243	77	6			
Volusia	1,400	1,165	65	169	1	Greene	294	70	85	117	22			
Daytona Beach	854	806	28	20	-	Gwinnett	728	637	65	22	6			
Balance of county	546	359	37	149	1	Heberham	402	359	29	7	7			
Wakulla	60	-	1	75	4	Hall	999	731	182	69	17			
Walton	365	259	51	70	5	Gainesville	764	641	92	31	-			
Washington	170	35	48	85	2	Balance of county	255	90	90	39	17			
GEORGIA	93,675	63,098	10,096	19,024	1,460	Hancock	317	31	19	244	23			
Appling	283	16	167	92	8	Marshall	251	158	64	27	2			
Atkinson	125	-	66	54	5	Harris	227	18	33	164	12			
Bacon	368	265	60	36	7	Hart	105	-	55	52	-			
Baker	145	-	3	116	26	Head	137	52	44	38	3			
Baldwin	503	234	44	200	25	Henry	329	13	85	215	16			
Banks	60	-	37	17	6	Houston	442	256	28	148	10			
Barrow	107	-	55	50	2	Irwin	408	257	5	145	1			
Bartow	709	588	71	42	8	Jackson	562	329	211	19	3			
Ben Hill	449	314	4	130	1	Jasper	187	-	81	104	2			
Berrien	232	108	75	43	6	Jeff Davis	291	99	128	61	3			
Ribb	3,467	3,296	36	96	39	Jefferson	603	215	41	325	22			
Macon	3,403	3,294	30	57	22	Jenkins	535	344	14	173	4			
Balance of county	64	2	6	39	17	Johnson	217	2	94	118	3			
Bleckley	160	-	55	104	1	Jones	152	-	28	117	7			
Brantley	133	3	100	27	3	Lamar	244	9	97	133	5			
Brooks	592	268	22	296	6	Lander	69	-	43	25	1			
Bryan	111	-	46	59	6	Laurens	1,059	609	85	350	15			
Bulloch	703	402	62	215	4	Lee	170	-	10	159	1			
Burke	685	2	75	575	13	Liberty	222	35	74	107	6			
Butts	140	5	01	51	3	Lincoln	115	2	77	32	4			
Calhoun	346	127	6	202	11	Long	99	-	75	22	2			
Camden	138	19	8	96	15	Lowndes	1,251	803	62	361	25			
Candler	237	174	53	69	1	Valdosta	900	650	18	215	17			
Carroll	928	636	201	83	8	Balance of county	351	153	44	146	8			
Catoosa	266	253	10	1	2	Lumpkin	119	71	18	29	1			
Charlton	186	116	6	60	4	McDuffie	192	1	37	153	1			
Chatthan	3,989	3,147	696	115	31	McIntosh	152	-	5	141	6			
Savannah	3,825	3,147	589	70	17	Macon	446	149	67	225	6			
Balance of county	166	-	107	45	14	Madison	194	54	36	98	6			
Chattahoochee	1,293	1,269	2	22	2	Marion	172	-	34	139	-			
Chattooga	528	411	73	34	10	Meriwether	525	123	140	228	34			
Cherokee	430	279	127	17	7	Miller	258	174	6	76	2			
Clarke	1,483	1,287	47	149	-	Mitchell	719	329	107	279	4			
Athens	1,429	1,287	33	109	-	Monroe	280	123	8	137	12			
Balance of county	54	-	14	40	-	Montgomery	96	-	26	65	5			
Clay	193	50	2	136	5	Morgan	313	93	42	169	9			
Clayton	125	-	61	56	6	Murray	114	-	76	36	-			
Clinch	236	150	12	70	4	Muscogee	2,707	2,276	116	311	4			
Cobb	1,170	967	119	57	7	Columbus	2,558	2,270	95	191	2			
Coffee	795	519	96	178	2	Balance of county	149	6	21	120	2			
Colquitt	1,095	804	61	213	17	Newton	573	286	70	215	2			
Moultrie	920	804	8	98	10	Oconee	94	-	51	42	1			
Balance of county	175	-	53	115	7	Oglethorpe	134	-	8	119	7			
Columbia	162	1	28	127	6	Paulding	224	128	75	16	5			
Cook	287	132	91	49	15	Peach	330	154	19	151	6			
Covets	850	528	93	196	43	Pickens	245	220	13	11	2			
Crawford	121	-	2	112	7	Pierce	137	-	58	78	1			
Crisp	443	155	16	252	20	Pike	237	54	77	92	14			
Dade	237	134	96	6	1	Polk	722	516	106	96	4			
Dawson	32	-	20	8	4	Pulaski	351	197	7	145	1			
Decatur	701	389	48	234	30	Putnam	237	78	19	132	8			
De Kalb	2,152	1,974	46	124	8	Quitman	78	-	5	60	13			
Atlanta (part)	8	-	2	4	2	Rabun	305	275	4	24	2			
Decatur	28	-	6	21	1	Randolph	488	176	4	291	17			
Balance of county	2,116	1,974	38	99	5	Richmond	3,505	3,394	28	62	21			
Dodge	477	178	93	190	16	Augusta	2,907	2,663	21	6	17			
Dooly	407	105	101	194	7	Balance of county	596	531	7	56	4			
Dougherty	1,464	999	250	182	33	Rockdale	102	-	33	69	-			
Albany	1,332	999	202	108	23	Schley	73	1	26	38	8			
Balance of county	132	-	48	74	10	Screven	450	32	46	333	39			
Douglas	284	190	44	49	21	Seminole	407	328	1	63	15			
Early	529	219	5	280	25	Spalding	933	668	80	183	2			
Echols	50	-	20	30	2	Griffin	820	667	46	106	1			
Effingham	258	117	6	133	2	Balance of county	113	1	34	77	1			
						Stephens	520	452	15	51	2			
						Stewart	235	-	24	206	5			

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—								
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified					
GEORGIA—Continued					IDAHO—Continued											
Saunter	933	520	46	362	5	Teton	104	103	1	-	-					
Talbot	245	53	14	170	8	Twin Falls	1,224	1,212	10	-	-					
Taliaferro	76	2	10	59	5	Twin Falls	1,205	1,198	4	-	-					
Tattnall	357	188	129	39	1	Balance of county	21	14	6	-	-					
Taylor	255	125	27	96	7	Valley	91	88	3	-	-					
Telfair	354	127	90	108	9	Washington	187	184	2	-	-					
Terrell	364	21	49	293	1	Yellowstone Nat. Park (part)	-	-	-	-	-					
Thomas	918	487	41	266	102	ILLINOIS					185,658	175,909	9,497	73	189	
Thomasville	561	391	8	122	40	Adams	1,578	1,556	22	-	-					
Balance of county	355	96	33	164	62	Quincy	1,557	1,556	1	-	-					
Tift	858	597	46	207	8	Balance of county	21	-	21	-	-					
Toombs	600	362	108	119	11	Alexander	727	616	60	1	50					
Towns	86	43	39	3	1	Carro	688	614	28	1	42					
Treutlen	154	-	61	66	7	Balance of county	42	2	32	-	8					
Troup	1,580	1,196	45	322	17	Bond	13	-	12	1	-					
La Grange	908	767	21	112	8	Boone	500	498	2	-	-					
Balance of county	872	429	24	210	9	Brown	29	-	27	1	1					
Turner	187	3	88	80	8	Bureau	988	877	11	-	-					
Twiggs	200	-	2	180	18	Calhoun	40	-	40	-	-					
Union	118	-	85	31	2	Carroll	382	382	10	-	-					
Upson	665	197	505	155	8	Cass	36	352	15	-	1					
Walker	732	684	37	8	3	Champaign	2,759	2,759	20	-	-					
Walton	551	444	33	72	2	Champaign	992	85	7	-	-					
Ware	1,012	719	185	92	16	Urbana	1,607	1,603	4	-	-					
Waycross	897	717	98	71	11	Balance of county	160	151	9	-	-					
Balance of county	115	2	87	21	5	Christian	965	947	18	-	-					
Warren	213	1	28	182	2	Clark	68	-	68	-	-					
Washington	629	218	33	370	8	Clay	174	7	165	1	1					
Wayne	604	526	32	42	4	Clinton	413	380	31	-	2					
Webster	109	-	17	88	4	Centralia (part)	1	-	1	-	-					
Wheeler	107	29	28	44	5	Balance of county	412	380	30	-	2					
White	106	84	8	12	2	Coles	1,106	1,051	54	-	1					
Whitfield	1,028	911	70	37	10	Mattoon	754	718	16	-	-					
Dalton	971	909	49	10	3	Balance of county	372	333	39	-	40					
Balance of county	57	2	21	27	7	Cook	96,457	91,578	4,705	36	1					
Wilcox	177	-	81	76	20	Chicago	78,565	75,977	4,526	30	32					
Wilkes	542	341	65	123	13	Beryna	1,881	1,878	3	-	-					
Wilkinson	223	47	18	143	15	Cicero	12	1	9	-	2					
Worth	454	50	95	269	41	Elgin (part)	-	-	-	-	-					
IDAHO	15,757	15,390	304	17	46	Evanston	3,940	3,937	3	-	-					
Ada	1,952	1,931	11	2	8	Maywood	6	2	4	-	-					
Boise City	1,948	1,931	10	1	6	Oak Park	4,606	4,605	1	-	-					
Balance of county	4	-	1	1	2	Blue Island	940	938	2	-	-					
Adams	122	120	2	-	-	Brookfield	-	-	-	-	-					
Bannock	1,374	1,361	11	1	1	Calumet City	4	-	3	1	-					
Pocatello	1,365	1,356	9	-	-	Chicago Heights	1,281	1,239	42	-	-					
Balance of county	9	5	2	1	1	Elmwood Park	2	-	2	-	-					
Bear Lake	110	106	4	-	-	Forest Park	1	-	1	-	-					
Benewah	117	107	8	1	1	Harvey	1,067	1,063	4	-	-					
Bingham	507	495	11	-	1	La Grange	1	-	-	1	-					
Blaine	145	139	4	-	2	Melrose Park	575	575	-	-	-					
Boise	3	-	1	1	1	Park Ridge	1	-	1	-	-					
Bonner	243	223	17	-	3	Wilmette	2	-	2	-	-					
Bonneville	1,146	1,142	4	-	-	Winnetka	1	-	1	-	-					
Idaho Falls	1,144	1,142	2	-	-	Balance of county	3,572	3,463	99	4	8					
Balance of county	2	-	2	-	-	Crawford	427	357	65	-	5					
Boundary	142	140	1	-	1	Cumberland	74	-	72	-	2					
Butte	8	-	8	-	-	De Kalb	994	983	9	-	-					
Cama	3	-	3	-	-	De Witt	245	233	10	-	-					
Canyon	1,528	1,505	12	6	5	Douglas	367	365	22	-	-					
Nampa	1,062	1,056	5	1	-	Du Page	2,192	2,180	12	-	-					
Balance of county	466	449	7	5	5	Elmhurst	1,630	1,628	2	-	-					
Caribou	220	219	-	-	-	Balance of county	562	552	10	-	-					
Cassia	424	408	15	-	1	Edgar	451	442	9	-	-					
Clark	2	1	1	-	-	Edwards	56	-	56	-	-					
Clearwater	170	164	6	-	-	Effingham	637	417	217	-	3					
Custer	59	33	24	-	2	Fayette	553	495	58	-	3					
Elmore	50	38	12	-	-	Ford	242	232	10	-	-					
Franklin	290	274	16	-	-	Franklin	704	555	148	-	1					
Fremont	270	266	4	-	-	West Frankfort	23	12	10	-	1					
Gen	204	203	1	-	-	Balance of county	681	543	138	-	-					
Gooding	719	699	18	-	2	Fulton	353	324	29	-	-					
Idaho	313	291	22	-	-	Canton	324	324	-	-	-					
Jefferson	260	259	1	-	-	Balance of county	29	-	29	-	-					
Jernise	6	-	5	-	1	Gallatin	111	71	40	-	-					
Kootenai	499	489	7	3	-	Greene	525	495	30	-	-					
Coeur d'Alene	413	409	4	-	-	Grundy	346	331	15	1	1					
Balance of county	86	80	3	3	-	Hamilton	220	182	36	-	2					
Latah	663	656	6	-	1	Bannock	183	156	26	-	1					
Lemhi	144	128	16	-	-	Benard	149	105	44	-	-					
Lewis	-	-	-	-	-	Henderson	12	-	12	-	-					
Lincoln	4	1	3	-	-	Henry	1,039	1,020	18	-	-					
Madison	322	313	9	-	-	Keweenaw	753	742	11	-	-					
Minidoka	274	262	11	-	1	Balance of county	268	278	7	-	-					
Nes Perce	763	756	2	2	3	Iroquois	560	523	36	1	-					
Lewiston	758	756	-	1	1	Jackson	1,050	967	72	-	1					
Balance of county	5	-	2	1	2	Jasper	85	-	85	-	-					
Oneida	137	136	-	1	-	Jefferson	1,005	878	124	-	1					
Owyhee	7	-	6	-	1	Mount Vernon	923	878	44	-	1					
Payette	150	146	4	-	-	Balance of county	80	-	80	-	-					
Power	144	136	2	-	6	Jersey	52	-	50	-	2					
Shoshone	657	656	-	-	1	Jo Daviess	36	-	36	-	-					

See footnotes on p. 37.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
ILLINOIS—Continued					ILLINOIS—Continued						
Johnson	106	-	105	-	1	Union	435	565	46	1	1
Kane	5,040	5,024	15	-	-	Vermilion	2,105	2,056	46	-	1
Aurora	2,483	2,480	3	-	-	Danville	2,075	2,056	19	-	-
Elgin (part)	1,801	1,799	2	-	-	Balance of county	28	-	27	-	1
Elgin (total)	1,801	1,799	2	-	-	Wabash	145	3	142	-	-
Balance of county	756	745	11	-	-	Warren	585	581	4	-	-
Kankakee	1,583	1,495	64	2	2	Washington	35	1	32	-	-
Kankakee	1,498	1,477	21	-	-	Wayne	201	15	186	-	-
Balance of county	65	18	43	2	2	White	204	28	176	-	-
Kendall	2	-	2	-	-	Whiteside	1,177	1,080	97	-	-
Knox	1,238	1,224	11	-	3	Sterling	727	760	17	-	-
Galesburg	1,227	1,224	1	-	2	Balance of county	400	320	80	-	-
Balance of county	11	-	10	-	1	Will	2,816	2,777	37	2	-
Lake	4,257	4,205	29	2	21	Joliet	2,784	2,777	7	-	-
Waukegan	984	960	3	1	-	Balance of county	32	-	30	2	-
Highland Park	389	369	-	-	-	Williamson	832	656	175	-	1
Balance of county	2,904	2,656	26	1	21	Winnebago	3,671	3,619	49	3	-
La Salle	2,349	2,325	22	-	2	Rockford	3,584	3,572	11	1	-
La Salle	395	395	-	-	-	Balance of county	87	47	38	2	-
Ottawa	728	728	-	-	-	Woodford	23	-	23	-	-
Streator	828	822	5	-	1						
Balance of county	398	360	17	-	1	INDIANA	95,058	87,257	7,082	90	629
Lawrence	61	6	75	-	-	Adams	724	644	80	-	-
Lee	699	665	12	-	2	Allen	5,139	5,036	100	-	3
Dixon	575	575	-	-	-	Port Wayne	5,064	5,036	28	-	3
Balance of county	124	110	12	-	2	Balance of county	75	1	74	-	-
Livingston	723	707	16	-	-	Bartholomew	676	854	22	-	-
Logan	593	583	9	-	1	Columbus	862	854	8	-	-
Lincoln	582	582	-	-	-	Balance of county	14	-	14	-	-
Balance of county	11	1	9	-	1	Benton	28	1	27	-	-
McDonough	709	687	21	-	1	Blankford	326	321	5	-	-
McHenry	782	777	5	-	-	Bloom	673	658	15	-	-
McLean	1,961	1,946	14	-	1	Brown	38	1	18	17	2
Bloomington	1,747	1,745	2	-	-	Carroll	18	-	18	-	-
Balance of county	214	201	12	-	1	Cass	1,085	1,086	10	-	-
Macon	2,691	2,675	16	-	-	Logansport	1,082	1,086	6	-	-
Decatur	2,682	2,675	7	-	-	Balance of county	4	-	4	-	-
Balance of county	9	-	9	-	-	Clark	892	790	101	-	1
Macoupin	264	221	43	-	-	Jeffersonville	807	790	16	-	1
Madison	4,095	3,899	190	-	6	Balance of county	85	-	85	-	-
Alton	1,998	1,950	45	-	3	Clay	497	467	30	-	-
Granite City	1,065	1,058	7	-	-	Clinton	602	588	14	-	-
Balance of county	1,032	891	136	-	3	Frankfort	592	588	4	-	-
Marion	1,196	1,150	46	-	-	Balance of county	10	-	10	-	-
Centralia (part)	758	736	22	-	-	Crawford	132	2	129	-	1
Centralia (total)	759	736	23	-	-	Davies	910	819	87	2	2
Balance of county	438	414	24	-	-	Dearborn	71	3	68	-	-
Marshall	8	-	8	-	-	Decatur	429	401	28	-	1
Mason	42	-	41	1	-	De Kalb	722	706	16	-	-
Massac	187	80	106	1	-	Delaware	2,281	2,233	48	-	-
Menard	32	-	32	-	-	Muncie	2,270	2,233	37	-	-
Mercer	19	-	18	1	-	Balance of county	11	-	11	-	-
Monroe	4	-	4	-	-	Dubois	744	604	139	-	-
Montgomery	1,022	1,004	18	-	-	Ekhart	2,256	2,207	48	-	1
Morgan	860	840	19	-	1	Elkhart	1,351	1,347	4	-	-
Jacksonville	840	840	-	-	-	Goshen	867	650	217	-	-
Balance of county	20	-	19	-	1	Balance of county	38	2	35	-	1
Moultrie	37	1	36	-	-	Fayette	629	615	13	1	-
Ogle	403	385	37	-	1	Connersville	620	615	5	-	-
Peoria	5,235	5,173	60	-	2	Balance of county	9	-	9	-	-
Peoria	5,164	5,148	16	-	2	Floyd	1,458	1,350	88	-	-
Balance of county	71	27	44	-	-	New Albany	1,400	1,350	50	-	-
Perry	492	446	33	3	-	Balance of county	58	-	58	-	-
Piatt	200	194	6	-	-	Fountain	56	2	54	-	-
Pike	344	321	21	-	2	Franklin	57	-	56	-	1
Pope	57	-	57	-	-	Fulton	396	374	22	-	-
Pulaski	128	-	106	10	12	Gibson	857	757	98	-	2
Putnam	1	-	-	-	-	Grant	1,476	1,394	81	-	1
Randolph	796	747	48	-	1	Marion	1,432	1,385	39	-	-
Richland	630	598	32	-	-	Balance of county	44	1	42	-	1
Rock Island	3,455	3,434	20	-	1	Greene	534	492	52	-	-
Moline	2,315	2,309	6	-	-	Hamilton	459	441	17	1	3
Rock Island	1,068	1,060	7	-	1	Hancock	51	4	47	-	-
East Moline	4	-	4	-	-	Harrison	243	4	233	2	4
Balance of county	68	65	3	-	-	Hendricks	54	8	45	-	-
St. Clair	4,369	4,118	249	2	-	Henry	1,320	1,289	30	-	1
Belleville	1,275	1,272	3	-	-	New Castle	9	1	8	-	-
East St. Louis	2,601	2,415	186	-	-	Balance of county	1,311	1,288	22	-	1
Balance of county	493	431	60	2	-	Howard	1,493	1,435	57	-	1
Saline	936	859	76	-	1	Kokomo	1,462	1,435	47	-	-
Harrisburg	439	425	13	-	1	Balance of county	11	-	10	-	1
Balance of county	497	434	63	-	2	Huntington	719	675	44	-	-
Sangamon	3,502	3,456	41	3	2	Huntington	688	675	15	-	-
Springfield	3,462	3,456	2	3	2	Balance of county	31	-	31	-	-
Balance of county	40	-	39	-	1	Jackson	821	735	84	-	2
Schuyler	121	99	22	-	-	Jasper	478	451	25	1	1
Scott	19	5	13	-	1	Jay	440	419	21	-	-
Shelby	330	276	51	-	3	Jefferson	601	509	85	-	7
Stark	3	-	3	-	-	Jennings	121	-	120	1	-
Stephenson	1,241	1,234	7	-	-	Johnson	543	509	32	-	2
Freeport	1,218	1,218	-	-	-	Knox	1,167	1,123	44	-	-
Balance of county	23	16	7	-	-	Vincennes	1,126	1,123	5	-	-
Tazewell	1,006	981	24	-	-	Balance of county	39	-	39	-	-
Pekin	774	771	3	-	-	Kosciusko	631	613	18	-	-
Balance of county	231	210	21	-	-						

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
INDIANA—Continued					IOWA—Continued						
Lagrange	100	5	95	-	-	Black Hawk	3,142	3,106	35	-	1
Lake	10,374	9,786	518	49	21	Waterloo	1,660	1,668	11	-	1
Gary	5,226	4,837	375	1	13	Balance of county	1,462	1,438	24	-	-
East Chicago	2,244	2,124	61	34	5	Boone	494	490	4	-	-
Hammond	2,864	2,821	33	8	2	Balance of county	430	430	-	-	-
Whiting	2	-	2	-	-	Bremer	430	404	26	-	-
Balance of county	39	4	27	6	1	Buchanan	386	357	13	11	5
La Porte	2,143	2,091	52	-	-	Buena Vista	583	575	8	-	-
Michigan City	925	911	14	-	-	Butler	131	121	10	-	-
La Porte	1,196	1,178	18	-	-	Calhoun	292	267	5	-	-
Balance of county	22	2	20	-	-	Carroll	1,082	1,059	23	-	-
Lawrence	994	839	142	2	2	Cass	401	374	27	-	-
Bedford	854	836	18	-	-	Cedar	58	45	12	-	1
Balance of county	130	2	124	2	2	Cerro Gordo	1,523	1,512	11	-	-
Madison	2,585	2,548	30	3	4	Mason City	1,489	1,484	5	-	-
Anderson	1,912	1,894	16	-	2	Balance of county	34	28	6	-	-
Elwood	658	654	4	-	-	Cherokee	546	541	5	-	-
Balance of county	15	-	10	3	2	Chickasaw	378	373	5	-	-
Marion	14,738	13,357	843	-	539	Clarke	283	274	9	-	-
Indianapolis	12,643	11,401	715	-	529	Clay	470	467	1	-	2
Balance of county	2,095	1,956	130	-	9	Clayton	342	237	104	1	-
Marshall	693	671	21	-	1	Clinton	1,259	1,233	25	-	1
Martin	101	-	99	1	1	Clinton	1,239	1,233	5	-	1
Miami	657	632	25	-	-	Balance of county	20	-	20	-	-
Ferris	639	632	7	-	-	Crawford	372	351	21	-	-
Balance of county	18	-	19	-	-	Dallas	407	385	22	-	-
Monroe	1,096	1,025	64	7	-	Davis	52	2	48	-	2
Bloomington	1,037	1,024	12	1	-	Decatur	280	276	4	-	-
Balance of county	89	1	52	6	-	Delaware	350	324	26	-	-
Montgomery	847	826	21	-	-	Des Moines	1,153	1,148	7	-	-
Crawfordsville	836	826	10	-	-	Hurlington	1,150	1,146	4	-	-
Balance of county	11	-	11	-	-	Balance of county	3	-	3	-	-
Morgan	368	331	36	-	1	Dickinson	171	145	26	-	-
Newton	11	-	11	-	-	Dubuque	2,220	2,195	25	-	-
Mobile	756	716	19	-	1	Dubuque	2,049	2,044	5	-	-
Ohio	14	-	14	-	-	Balance of county	171	151	20	-	-
Orange	307	99	208	-	-	Emmet	672	672	-	-	-
Owen	64	2	62	-	-	Fayette	618	572	46	-	-
Parke	63	-	63	-	-	Floyd	585	576	9	-	-
Perry	385	212	178	1	4	Franklin	503	491	9	1	2
Pike	52	1	50	-	-	Franklin	246	240	6	-	-
Porter	787	773	13	-	1	Greene	434	429	5	-	-
Posey	171	1	170	-	-	Grundy	34	16	18	-	-
Pulaski	189	119	80	-	-	Guthrie	59	1	58	-	-
Putnam	451	442	9	-	-	Hamilton	486	483	3	-	-
Ramolph	688	659	8	-	1	Hancock	40	19	21	-	-
Ripley	1,171	1,108	62	-	1	Hardin	549	540	9	-	-
Rush	420	410	10	-	-	Harrison	275	206	68	-	1
St. Joseph	5,337	5,284	51	-	2	Henry	354	349	5	-	-
South Bend	4,235	4,205	29	-	-	Howard	302	287	15	-	-
Mishawaka	1,084	1,079	5	-	-	Humboldt	18	3	15	-	-
Balance of county	18	-	17	1	1	Ide	195	188	7	-	-
Scott	456	353	103	-	-	Iowa	146	119	27	-	-
Shelby	684	659	24	-	1	Jackson	211	201	10	-	-
Shelbyville	670	659	11	-	-	Jasper	490	453	37	-	-
Balance of county	14	-	13	1	1	Newton	435	430	5	-	-
Spencer	165	-	165	-	-	Balance of county	55	23	32	-	-
Starke	136	-	134	2	-	Jefferson	414	402	11	-	1
Steuben	363	359	5	-	-	Johnson	2,075	2,056	19	-	-
Sullivan	487	454	32	1	-	Iowa City	2,057	2,056	1	-	-
Switzerland	44	1	43	-	-	Balance of county	18	-	18	-	-
Tiptecanoe	2,722	2,702	20	-	-	Jones	580	573	7	-	-
Lafayette	2,715	2,702	13	-	-	Keokuk	201	165	36	-	-
Balance of county	7	-	7	-	-	Kossuth	432	363	69	-	-
Tipton	83	66	16	-	1	Lee	1,453	1,449	4	-	-
Union	7	2	5	-	-	Fort Madison	574	573	1	-	-
Vanderburgh	4,861	4,336	520	-	5	Keokuk	877	876	1	-	-
Evansville	4,662	4,336	322	-	4	Balance of county	2	-	2	-	-
Balance of county	199	-	198	-	1	Lincoln	2,663	2,629	33	-	1
Vermillion	519	476	43	-	-	Cedar Rapids	2,632	2,626	6	-	-
Vigo	2,674	2,482	189	1	2	Balance of county	31	3	27	-	1
Terre Haute	2,591	2,482	107	1	1	Louis	12	-	12	-	-
Balance of county	83	-	82	-	1	Lucas	182	172	10	-	-
Wabash	587	561	6	-	-	Lyon	178	155	23	-	-
Warren	183	165	17	-	1	Madison	63	25	38	-	-
Warrick	126	1	124	-	-	Maahaaka	898	889	9	-	-
Washington	218	2	216	-	-	Oakloosa	982	960	2	-	-
Wayne	1,675	1,644	31	-	-	Balance of county	16	9	7	-	-
Richmond	5	-	5	-	-	Marion	221	193	28	-	-
Balance of county	1,670	1,644	26	-	-	Marshall	1,143	1,140	3	-	-
Wells	460	446	14	-	-	Marshalltown	1,113	1,112	1	-	-
White	46	1	45	-	-	Balance of county	30	28	2	-	-
Whitley	13	2	11	-	-	Mills	80	29	31	-	-
IOWA					62,897	60,480	2,367	21	29		
Adair	75	1	72	-	2	Mitchell	361	358	3	-	-
Adams	13	-	13	-	-	Monona	321	273	48	-	-
Allamakee	427	418	7	-	2	Monroe	199	158	41	-	-
Appanoose	397	390	6	-	1	Montgomery	451	447	4	-	-
Auburn	70	47	23	-	-	Muscatine	716	702	14	-	-
Benton	431	406	25	-	-	Muscatine	713	702	11	-	-
						Balance of county	3	-	3	-	-
						O'Brien	485	442	43	-	-

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
IOWA—Continued					KANSAS—Continued						
Osceola	276	282	14	-	-	Greeley	51	48	3	-	-
Page	714	702	12	-	-	Greenwood	212	197	15	-	-
Palo Alto	545	528	17	-	-	Hamilton	187	186	-	1	-
Plymouth	879	865	14	-	-	Harper	240	235	5	-	-
Pocahontas	211	192	19	-	-	Harvey	589	587	2	-	-
Polk	6,217	6,129	84	2	2	Newton	561	560	1	-	-
Des Moines	6,199	6,129	68	2	2	Balance of county	26	27	1	-	-
Balance of county	18	-	18	-	-	Rankell	2	-	2	-	-
Pottawattamie	1,857	1,832	25	-	2	Rodgeman	2	-	2	-	-
Council Bluffs	1,842	1,831	10	-	1	Jackson	212	199	13	-	-
Balance of county	15	1	13	-	1	Jefferson	17	-	17	-	-
Poweshiek	456	444	12	-	-	Jewell	25	-	25	-	-
Ringgold	22	-	22	-	-	Johnson	167	156	31	-	-
Sac	177	161	14	2	-	Keary	69	69	-	-	-
Scott	2,737	2,714	22	-	1	Kingman	290	294	6	-	-
Davenport	2,728	2,714	14	-	1	Kiowa	18	11	7	-	-
Balance of county	8	-	8	-	-	Labette	639	561	78	-	-
Shelby	322	245	77	-	-	Parsons	12	-	12	-	-
Sioux	539	496	41	-	1	Balance of county	627	561	66	-	-
Story	1,061	1,048	13	-	-	Lane	2	-	2	-	-
Ames	1,047	1,047	-	-	-	Leavenworth	1,052	1,052	17	3	-
Balance of county	14	1	13	-	-	Leavenworth	634	630	4	-	-
Tama	89	66	19	3	1	Balance of county	416	402	13	3	-
Taylor	30	2	28	-	-	Lincoln	21	-	21	-	-
Union	671	659	11	1	-	Linn	62	-	62	-	-
Van Buren	33	1	32	-	-	Logan	6	-	6	-	-
Wapello	1,339	1,237	101	-	-	Lyon	846	823	22	-	1
Ottumwa	1,303	1,237	66	-	-	Emporia	834	822	11	-	1
Balance of county	35	35	-	-	-	Balance of county	12	1	11	-	-
Warren	221	149	72	-	-	McPherson	446	441	5	-	-
Washington	520	499	21	-	-	Marion	310	286	23	-	1
Wayne	107	80	27	-	-	Marshall	405	366	36	-	1
Webster	1,983	1,960	23	-	-	Meade	127	123	4	-	-
Fort Dodge	1,963	1,960	3	-	-	Miami	304	255	49	-	-
Balance of county	20	-	20	-	-	Mitchell	429	427	2	-	-
Winebago	508	495	13	-	-	Montgomery	1,054	963	91	-	-
Winebush	468	454	14	-	-	Coffeyville	460	440	40	-	-
Woodbury	3,348	3,264	84	-	-	Independence	479	471	8	-	-
Sioux City	3,249	3,227	22	-	-	Balance of county	95	52	43	-	-
Balance of county	99	37	62	-	-	Morris	112	107	5	-	-
Worth	18	-	18	-	-	Morton	61	79	2	-	-
Wright	218	200	18	-	-	Nemaha	360	352	28	-	-
						Neosho	317	259	58	-	-
						Chanute	267	257	10	-	-
						Balance of county	50	2	48	-	-
KANSAS	42,503	40,311	2,151	13	28	Heas	90	87	3	-	-
Allen	406	395	11	-	-	Horton	287	287	-	-	-
Amerson	176	155	21	-	-	Osage	57	-	55	-	-
Atchison	435	428	7	-	-	Osborne	29	15	14	-	-
Atchison	433	428	5	-	-	Ottawa	8	-	8	-	-
Balance of county	2	-	2	-	-	Pawnee	91	88	3	-	-
Barber	218	215	3	-	-	Phillips	160	126	24	-	-
Barton	1,199	1,192	7	-	-	Pottawatomie	274	269	5	-	-
Bourbon	437	417	20	-	-	Pratt	322	322	-	-	-
Fort Scott	421	417	4	-	-	Rawlins	11	9	2	-	-
Balance of county	16	-	16	-	-	Reno	1,217	1,197	20	-	-
Brown	247	233	13	-	1	Hutchinson	1,204	1,197	7	-	-
Butler	515	506	9	-	-	Balance of county	13	-	13	-	-
El Dorado	505	505	1	-	-	Republic	193	181	11	-	1
Balance of county	9	1	8	-	-	Rice	296	291	5	-	-
Chase	64	57	7	-	-	Riley	731	728	3	-	-
Chautauqua	92	44	47	1	-	Manhattan	731	728	3	-	-
Cherokee	308	233	73	1	1	Balance of county	-	-	-	-	-
Cheyenne	152	151	1	-	-	Books	100	89	11	-	-
Clark	106	103	3	-	-	Rush	93	88	5	-	-
Clay	283	282	1	-	1	Russell	310	303	7	-	-
Cloud	560	533	27	-	-	Saline	1,258	1,244	11	-	1
Coffey	76	18	58	-	-	Salina	1,025	1,014	10	-	1
Comanche	12	8	4	-	-	Balance of county	231	230	1	-	-
Cowley	815	800	13	-	-	Scott	150	150	-	-	-
Arkansas City	362	351	11	-	-	Gedwick	5,857	5,715	132	3	7
Balance of county	451	449	2	-	-	Wichita	5,668	5,573	89	3	5
Crawford	780	706	72	1	1	Balance of county	189	142	43	-	4
Pittsburg	19	-	19	-	-	Seward	504	502	-	-	-
Balance of county	761	706	53	1	1	Shawnee	2,625	2,503	121	-	1
Decatur	92	76	4	-	-	Topeka	2,578	2,500	77	-	1
Dickinson	375	358	17	-	-	Balance of county	47	3	44	-	-
Doniphan	121	42	78	-	1	Sheridan	113	109	4	-	-
Douglas	933	922	9	-	2	Sherman	265	265	-	-	-
Lawrence	925	922	2	-	1	Smith	175	181	14	-	-
Balance of county	8	-	7	-	-	Stafford	159	153	5	-	-
Edwards	5	-	5	-	2	Stanton	14	4	10	-	-
Elk	10	-	10	-	-	Stevens	6	-	5	-	1
Ellis	1,054	1,050	4	-	-	Sumner	427	417	10	-	-
Ellsworth	237	227	10	-	-	Thosms	390	388	2	-	-
Finney	822	820	2	-	-	Trego	10	3	7	-	-
Ford	911	901	9	-	1	Webaunsee	14	-	14	-	-
Franklin	478	459	19	-	-	Wallace	-	-	-	-	-
Ottawa	467	459	8	-	-	Washington	14	-	14	-	-
Balance of county	11	-	11	-	-	Wichita	10	4	6	-	-
Geary	994	981	3	-	-	Wilson	250	183	67	-	-
Gove	101	94	7	-	-	Woodson	77	28	49	-	-
Graham	9	-	8	1	-	Wyandotte	4,203	3,927	272	-	4
Grant	6	1	7	-	-	Kansas City	4,180	3,927	249	-	4
Gray	47	40	7	-	-	Balance of county	23	-	23	-	-

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
KENTUCKY					KENTUCKY—Continued						
Kentucky	76,412	47,599	25,361	4,679	785						
Adair	302	-	259	21	22	McCreary	297	-	80	210	7
Allen	272	90	177	4	1	McLean	112	-	104	4	4
Anderson	104	-	104	-	-	Madison	1,032	956	52	22	2
Ballard	57	-	57	-	-	Magoffin	560	1	254	123	2
Barren	1,036	91.5	155	21	7	Martin	865	646	205	15	1
Bath	139	-	134	4	-	Marshall	139	1	138	-	-
Bell	1,699	1,097	483	104	15	Martin	329	-	225	102	2
Middleborough	740	675	63	2	-	Mason	609	693	124	2	1
Balance of county	959	422	420	102	15	Meads	170	.65	104	1	-
Boone	97	-	95	1	-	Menifee	167	113	51	21	2
Bourbon	407	290	116	1	-	Meade	291	279	12	-	-
Boyd	1,464	1,375	73	10	6	Metcalfe	164	1	142	17	4
Ashland	1,424	1,375	48	3	1	Monroe	306	34	245	26	2
Balance of county	40	-	25	7	5	Montgomery	482	561	113	7	1
Boyle	790	696	92	-	-	Morgan	355	116	167	43	29
Bracken	110	-	110	-	-	Muhlenberg	939	647	267	23	2
Breathitt	495	127	67	266	35	Neelon	425	2	422	-	1
Breckinridge	576	74	295	6	1	Nicholas	97	56	40	1	-
Bullitt	135	-	129	4	2	Ohio	563	79	272	9	3
Butler	229	2	160	65	2	Oldham	339	239	44	4	2
Caldwell	305	172	133	-	-	Owen	59	-	58	-	1
Calloway	502	449	52	-	1	Owley	98	-	5	87	6
Campbell	808	759	49	-	1	Pendleton	104	-	104	-	-
Newport	18	-	17	-	1	Perry	1,836	482	1,068	232	54
Fort Thomas	2	-	2	-	-	Pike	2,417	1,054	898	387	78
Balance of county	788	759	29	-	-	Powell	190	-	160	29	1
Cardinal	46	-	46	-	-	Pulaski	1,274	694	480	95	5
Carrroll	112	-	111	1	-	Robertson	26	-	26	-	-
Carter	641	203	316	102	20	Rockcastle	242	-	158	70	14
Cassey	362	-	297	50	15	Rowan	248	-	203	34	11
Christian	1,280	894	209	68	8	Russell	186	1	171	13	1
Hopkinsville	758	648	77	29	3	Scott	296	223	73	-	-
Balance of county	522	345	132	39	6	Shelby	516	459	77	-	-
Clark	436	286	147	1	2	Simpson	289	209	78	1	1
Clay	1,240	1,049	29	124	38	Spencer	119	-	119	-	-
Clinton	267	47	178	34	8	Taylor	453	270	178	5	-
Crittenden	252	166	85	1	-	Todd	167	-	162	5	-
Cumberland	153	-	87	62	4	Trigg	182	102	60	19	1
Daviess	1,682	1,542	510	9	1	Trimble	38	-	38	-	-
Owensboro	1,666	1,540	114	2	1	Union	413	258	154	1	-
Balance of county	206	2	196	7	1	Warren	1,081	830	232	15	4
Edmonson	185	28	129	27	1	Bowling Green	895	805	86	3	1
Elliott	153	2	96	31	24	Balance of county	186	25	146	12	3
Estill	307	6	228	70	3	Washington	85	-	84	-	1
Fayette	2,757	2,499	257	1	-	Wayne	461	1	375	73	12
Lexington	2,685	2,499	184	-	-	Webster	212	85	147	-	-
Balance of county	74	-	73	1	-	Whitley	788	511	405	63	9
Fleming	174	1	160	8	5	Wolfe	224	51	70	98	5
Floyd	1,564	683	668	150	63	Woodford	264	250	13	1	-
Franklin	699	687	12	-	-						
Frankfort	690	687	3	-	-						
Balance of county	9	-	9	-	-						
Fulton	480	333	92	54	1	LOUISIANA					
Gallatin	43	-	42	1	-	Acadia	1,400	1,021	122	256	1
Garrard	96	-	90	4	2	Allen	600	524	30	46	-
Grant	149	1	148	-	-	Ascension	607	588	105	112	2
Graves	588	491	96	-	-	Assumption	391	167	80	144	-
Grayson	377	-	314	47	16	Avoyelles	832	480	104	248	-
Green	280	1	205	13	1	Beauregard	452	329	84	39	-
Greene	305	1	251	42	11	Bienville	298	94	67	117	-
Hancock	64	-	64	-	-	Bossier	581	462	6	122	1
Hardin	1,453	975	473	2	3	Caddo	6,703	6,408	47	245	3
Harlan	2,296	899	1,355	30	12	Shreveport	6,340	6,205	35	98	2
Harrison	285	262	23	-	-	Balance of parish	363	203	12	147	1
Hart	328	-	320	8	-	Calcasieu	2,610	2,146	179	285	-
Henderson	726	543	170	13	-	Lake Charles	1,834	1,634	12	188	-
Henderson	623	542	81	-	-	Balance of parish	776	512	167	97	-
Balance of county	103	1	89	13	-	Caldwell	186	154	5	27	-
Henry	79	1	73	1	4	Cameron	39	-	37	2	-
Hickman	84	49	34	1	-	Catahoula	205	117	1	87	-
Hopkins	871	563	293	12	3	Clasborne	469	177	32	260	-
Jackson	223	-	142	69	12	Concordia	374	193	5	176	-
Jefferson	13,420	12,522	891	2	5	De Soto	545	245	18	281	1
Louisville	13,190	12,516	669	-	5	East Baton Rouge	4,112	3,425	54	630	3
Balance of county	230	6	222	2	-	Baton Rouge	3,622	3,422	28	370	2
Jessamine	119	-	119	-	-	Balance of parish	290	3	26	260	1
Johnson	993	852	57	77	7	East Carroll	505	60	146	299	-
Kenton	3,736	3,664	74	-	-	East Feliciana	363	147	26	189	1
Covington	3,698	3,684	34	-	-	Evangeline	630	384	74	172	-
Balance of county	40	-	40	-	-	Franklin	919	519	62	316	2
Knox	611	89	326	184	12	Grant	18	-	6	12	-
Knott	767	107	480	148	32	Iberia	656	570	174	108	4
Larue	247	149	86	2	-	New Iberia	585	527	20	36	2
Laurel	641	197	331	100	13	Balance of parish	271	43	154	72	2
Lawrence	443	251	84	103	5	Iberville	692	365	49	256	2
Lee	133	-	23	101	9	Jackson	443	348	10	85	-
Leslie	508	180	26	253	39	Jefferson	231	139	102	48	2
Letcher	1,282	222	883	188	9	Gretna	18	-	7	11	-
Lewis	344	-	249	82	13	Balance of parish	273	9	35	37	2
Lincoln	463	196	226	27	14	Jefferson Davis	717	476	127	114	-
Livingston	71	-	65	5	1	Lafayette	3,090	2,882	90	118	-
Logan	487	233	249	4	1	Lafayette	2,971	2,871	38	62	-
Lyon	79	27	50	2	2	Balance of parish	119	11	52	56	-
McCracken	1,214	984	245	3	2	Lafourche	1,030	666	146	216	2
Paducah	1,127	984	158	3	2	La Salle	293	258	23	12	-
Balance of county	87	-	87	-	-	Lincoln	587	392	44	150	1
						Livingston	289	114	124	47	4

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued
(By place of occurrence)

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		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
MASSACHUSETTS—Con.						MICHIGAN—Continued					
Nantucket	76	76	-	-	-	Ingham	624	782	37	2	3
Norfolk	5,997	5,957	59	-	1	Jackson	2,644	2,628	16	-	-
Brookline (town)	1,920	1,915	5	-	-	Jackson	2,556	2,552	4	-	-
Quincy	1,605	1,603	2	-	-	Balance of county	88	76	12	-	-
Braintree (town)	6	2	-	-	-	Kalamazoo	3,222	3,199	20	1	2
Dedham (town)	6	6	-	-	-	Balance of county	3,067	3,057	8	1	1
Milton (town)	55	55	-	-	-	Balance of county	155	142	12	-	1
Needham (town)	153	152	1	-	-	Kalamazoo	35	1	33	-	1
Norwood (town)	894	891	3	-	-	Balance of county	7,877	7,624	245	-	8
Wellesley (town)	1	1	-	-	-	Grand Rapids	6,311	6,227	83	-	1
Weymouth (town)	1,295	1,294	2	-	-	Balance of county	1,566	1,397	162	-	7
Balance of county	75	48	26	1	1	Keweenaw	-	-	-	-	-
Plymouth	3,854	3,565	90	-	1	Lake	21	15	6	-	-
Brookton	2,544	2,325	19	-	-	Lapeer	325	216	105	3	1
Flymouth (town)	480	413	7	-	-	Leelanau	7	-	4	1	2
Balance of county	890	825	64	1	1	Levens	1,861	1,776	85	-	-
Suffolk	21,749	21,565	195	-	1	Adrian	981	948	33	-	-
Boston	19,035	18,894	150	-	1	Balance of county	880	826	52	-	-
Chelsea	1,622	1,591	31	-	-	Livingston	447	427	20	-	-
Revere	402	398	4	-	-	Ince	235	231	3	-	1
Winthrop (town)	680	680	-	-	-	Macatawa	80	6	71	1	-
Worcester	10,884	10,752	132	-	-	Macomb	2,714	2,523	188	-	2
Worcester	5,705	5,679	24	-	-	Mount Clemens	2,431	2,394	37	-	-
Fitchburg	1,158	1,153	5	-	-	St. Clair Shores	12	1	11	-	-
Athol (town)	19	-	19	-	-	Balance of county	271	128	140	1	2
Clinton (town)	377	377	-	-	-	Manistee	348	325	23	-	-
Garfield	857	846	9	-	-	Marquette	1,170	1,154	12	1	3
Leominster	536	529	7	-	-	Marquette	758	756	2	-	-
Milford (town)	635	634	1	-	-	Balance of county	412	398	10	1	3
Northbridge (town)	292	292	-	-	-	Mason	449	434	13	2	-
Southbridge (town)	494	492	2	-	-	Macosta	352	296	55	-	1
Webster (town)	351	325	6	-	-	Menominee	625	612	4	-	9
Balance of county	452	395	59	-	-	Menominee	468	466	-	-	2
						Balance of county	137	126	4	-	7
MICHIGAN	156,699	150,721	5,715	111	152	Midland	984	940	38	3	3
						Midland	947	939	8	-	-
						Balance of county	37	1	30	3	3
Alcona	90	58	52	-	-	Missaukee	39	-	59	-	-
Algen	224	211	11	-	-	Monroe	1,555	1,482	71	2	-
Allegan	973	911	61	1	-	Monroe	1,506	1,482	22	1	-
Alpena	845	836	7	-	-	Balance of county	50	-	49	1	-
Alpena	842	838	4	-	-	Montcalm	1,094	1,052	39	-	3
Balance of county	3	-	3	-	-	Montmorency	18	1	17	-	-
Antrim	82	4	77	-	1	Muskegon	3,406	3,353	51	1	1
Arenac	197	173	20	1	3	Muskegon	3,362	3,353	8	-	1
Baraga	52	40	36	1	5	Muskegon Heights	6	-	6	-	-
Barry	828	519	7	-	2	Balance of county	38	-	37	1	-
Bay	2,410	2,259	150	-	1	Newaygo	568	501	66	-	1
Bay City	2,307	2,258	49	-	1	Oakland	5,977	5,622	291	1	3
Balance of county	103	1	101	-	2	Fontiac	4,604	4,575	29	-	-
Benzie	263	248	13	-	1	Royal Oak	488	479	9	-	-
Berrien	2,853	2,648	176	26	3	Birmingham	-	-	-	-	-
Benton Harbor	1,216	1,197	17	2	-	Ferndale	339	330	8	-	2
Miles	766	765	-	-	1	Balance of county	546	299	245	1	1
Balance of county	871	696	159	24	2	Oceana	420	409	10	-	1
Branch	625	612	10	-	1	Ogemaw	307	292	13	1	1
Calhoun	3,409	3,372	36	-	1	Ontonagon	171	135	33	2	1
Battle Creek	2,656	2,640	15	-	1	Oscoda	402	362	39	-	1
Balance of county	753	732	21	-	1	Oscoda	22	15	7	-	-
Cass	414	385	28	-	1	Ottawa	20	1	18	-	1
Charlevoix	250	207	43	-	1	Holland	1,928	1,846	82	-	-
Cheboygan	460	337	122	7	1	Balance of county	853	852	1	-	-
Chippewa	824	788	17	12	7	Presque Isle	1,075	994	81	-	-
Sault Ste. Marie	793	788	5	-	-	Roscommon	135	80	54	-	1
Balance of county	31	-	12	12	7	Saginaw	89	51	7	1	-
Clare	95	80	34	-	2	Saginaw	4,185	4,061	99	1	4
Clinton	617	583	22	-	1	Balance of county	4,081	4,059	22	-	-
Crawford	315	315	-	-	-	St. Clair	84	2	77	1	4
Delta	928	874	31	3	20	Fort Huron	1,959	1,801	157	-	1
Escanaba	789	769	11	-	8	Balance of county	1,396	1,345	50	-	1
Balance of county	140	105	20	3	12	St. Joseph	563	456	107	-	-
Dickinson	685	665	18	1	1	Sanilac	1,018	994	24	-	-
Iron Mountain	420	409	11	-	1	Schoolcraft	602	708	93	-	1
Balance of county	265	258	7	1	1	Shiawassee	289	259	8	2	-
Eaton	532	503	28	-	1	Balance of county	1,204	1,164	40	-	-
Emmet	681	659	8	2	2	Owosso	962	938	24	-	-
Genesee	7,369	7,208	157	1	3	Balance of county	242	226	16	-	-
Flint	7,066	6,994	70	1	1	Tuscola	582	502	79	1	-
Balance of county	303	214	87	2	2	Van Buren	710	678	30	-	2
Gladwin	272	222	47	1	2	Washtenaw	4,444	4,392	50	-	2
Geoghegan	715	698	16	-	1	Ann Arbor	2,339	2,334	5	-	-
Ironwood	263	259	4	-	-	Ypsilanti	1,960	1,954	6	-	-
Balance of county	452	439	12	-	1	Balance of county	145	104	39	-	2
Grand Traverse	1,015	991	23	-	1	Wayne	63,244	61,429	1,773	25	17
Traverse City	926	923	3	-	-	Detroit	50,366	49,956	1,897	4	9
Balance of county	89	68	20	-	1	Dearborn	1,484	1,468	15	1	-
Groton	803	754	42	2	5	Hamtramck	1,060	1,018	41	-	1
Hillsdale	526	513	13	-	-	Highland Park	4,678	4,657	21	-	-
Houghton	920	896	22	1	1	Wyandotte	2,083	2,060	8	-	1
Huron	877	839	38	-	-	Ecorse	75	2	73	-	-
Ingham	5,227	5,190	36	1	-	Grosse Pointe Park	2	-	2	-	-
Lansing	4,874	4,867	7	-	-	Lincoln Park	5	1	4	-	-
Balance of county	353	323	29	1	-	River Rouge	296	236	60	-	-
Ionia	590	549	37	-	4	Balance of county	3,189	3,011	152	20	6
Iosco	164	107	50	6	-	Wexford	658	616	42	-	-
Iron	445	430	15	-	-						

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—						
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			
MINNESOTA -----	74,027	72,153	1,694	111	69	MINNESOTA—Continued								
Aitkin-----	194	184	10	-	-	Sherburne-----	61	59	2	-	-	-	-	-
Anoka-----	188	159	12	2	2	St. Cloud (part)-----	-	-	-	-	-	-	-	-
Becker-----	650	607	10	3	10	Balance of county-----	61	59	2	-	-	-	-	-
Beltrami-----	795	729	32	24	10	Sibley-----	211	192	19	-	-	-	-	-
Benton-----	10	-	5	4	1	Stearns-----	2,806	2,696	108	-	-	-	-	2
St. Cloud (part)-----	1	-	1	-	-	St. Cloud (part)-----	2,147	2,145	4	-	-	-	-	-
Balance of county-----	9	-	4	4	1	St. Cloud (total)-----	2,148	2,143	5	-	-	-	-	-
Big Stone-----	413	300	15	-	-	Balance of county-----	689	555	104	-	-	-	-	-
Blue Earth-----	1,229	1,223	6	-	-	Steele-----	607	594	13	-	-	-	-	2
Mankato-----	1,224	1,223	1	-	-	Stevens-----	318	309	9	-	-	-	-	-
Balance of county-----	5	-	5	-	-	Swift-----	403	390	13	-	-	-	-	-
Brown-----	1,225	1,212	14	-	-	Todd-----	613	553	60	-	-	-	-	-
Carlton-----	677	668	7	-	2	Traverse-----	145	140	5	-	-	-	-	-
Carver-----	330	323	7	-	-	Wabasha-----	509	489	20	-	-	-	-	-
Cass-----	240	175	51	7	7	Wadena-----	451	419	32	-	-	-	-	-
Chippewa-----	400	396	4	-	-	Waseca-----	322	316	6	-	-	-	-	-
Chisago-----	212	209	3	-	-	Washington-----	469	456	13	-	-	-	-	-
Clay-----	670	653	15	-	2	Watsonwan-----	249	245	4	-	-	-	-	-
Clearwater-----	177	172	4	-	1	Wilkin-----	625	620	5	-	-	-	-	-
Cook-----	5	-	4	-	1	Winona-----	891	873	17	-	-	1	-	-
Cottonwood-----	425	417	6	-	-	Winona-----	894	873	10	-	-	1	-	-
Crow Wing-----	926	918	14	2	2	Balance of county-----	7	-	7	-	-	-	-	-
Brainerd-----	695	694	1	-	-	Wright-----	297	262	35	-	-	-	-	-
Balance of county-----	241	224	13	2	2	Yellow Medicine-----	575	554	21	-	-	-	-	-
Dakota-----	312	296	12	3	1									
South St. Paul-----	4	-	1	3	-	MISSISSIPPI -----	67,057	30,000	12,884	23,378	794			
Balance of county-----	308	296	11	-	1	Adams-----	1,210	1,027	19	160	4			
Dodge-----	118	94	24	-	-	Natchez-----	490	392	12	86	-			
Douglas-----	630	619	9	-	2	Balance of county-----	720	635	7	74	-			
Faribault-----	378	351	27	-	-	Alcorn-----	786	474	262	46	4			
Fillmore-----	366	343	23	-	-	Amite-----	441	22	106	300	13			
Freeborn-----	1,097	1,053	42	-	2	Attala-----	904	455	171	273	5			
Albert Lea-----	1,063	1,053	10	-	-	Benton-----	198	-	43	151	4			
Balance of county-----	54	-	32	-	2	Bolivar-----	2,581	938	510	1,099	34			
Goodhue-----	883	856	27	-	-	Calhoun-----	530	267	198	80	5			
Grant-----	8	-	6	-	-	Carroll-----	361	-	87	270	4			
Hennepin-----	17,969	17,779	162	24	4	Chickasaw-----	573	150	232	183	8			
Minneapolis-----	17,777	17,618	138	19	4	Choctaw-----	214	-	120	76	18			
Balance of county-----	192	163	24	5	-	Clatsop-----	260	13	14	232	1			
Houston-----	238	237	1	-	-	Clarke-----	550	194	125	221	10			
Hubbard-----	310	301	6	2	1	Clay-----	577	234	89	253	1			
Isanti-----	182	174	8	-	-	Cochran-----	1,598	375	485	635	45			
Itasca-----	820	808	8	2	5	Clarksdale-----	629	374	187	87	1			
Jackson-----	251	243	8	-	-	Balance of county-----	969	1	298	626	44			
Kanabec-----	298	290	8	-	-	Copiah-----	795	99	377	314	5			
Kandiyohi-----	903	897	5	-	1	Covington-----	252	1	127	111	13			
Kittson-----	182	177	15	-	-	De Soto-----	739	206	132	393	8			
Koochiching-----	431	414	15	-	2	Forrest-----	1,612	1,263	91	252	6			
Lac qui Parle-----	204	201	2	-	1	Battlesburg-----	1,512	1,283	66	180	3			
Lake-----	115	115	-	-	-	Balance of county-----	100	-	25	72	3			
Lake of the Woods-----	86	77	7	1	1	Franklin-----	176	41	90	102	3			
Le Sueur-----	344	332	12	-	-	George-----	276	135	105	34	2			
Lincoln-----	424	416	8	-	-	Greene-----	200	-	124	64	12			
Lyon-----	698	679	9	-	-	Grenada-----	849	296	76	287	10			
McLeod-----	735	729	6	-	-	Hancock-----	268	171	47	49	1			
Mahnomen-----	183	-	-	-	2	Harrison-----	2,482	2,084	85	301	12			
Marshall-----	248	237	11	-	-	Biloxi-----	1,457	1,365	14	69	9			
Martin-----	670	668	2	-	-	Gulfport-----	854	718	17	98	1			
Meeker-----	354	308	26	-	-	Balance of county-----	191	1	54	134	2			
Millie Lacs-----	451	431	18	-	2	Etowah-----	4,404	2,571	542	1,286	5			
Morrison-----	718	704	13	1	-	Jackson-----	3,435	2,558	347	526	4			
Mower-----	1,009	938	71	-	-	Balance of county-----	969	13	195	760	1			
Austin-----	953	937	16	-	-	Holmes-----	1,104	188	153	732	31			
Balance of county-----	56	1	55	-	-	Humphreys-----	810	10	195	593	14			
Murray-----	326	321	5	-	-	Issaquena-----	113	1	10	99	3			
Nicollet-----	365	363	2	-	-	Itavamba-----	296	51	225	17	5			
Nobles-----	605	598	7	-	-	Jackson-----	750	547	51	150	2			
Norman-----	205	201	4	-	-	Jasper-----	541	257	76	196	12			
Olustad-----	1,545	1,479	66	-	-	Jefferson-----	247	2	35	206	4			
Rochester-----	1,437	1,423	14	-	-	Jefferson Davis-----	489	1	339	114	15			
Balance of county-----	109	56	52	-	-	Laurel-----	1,878	1,786	13	72	5			
Otter Tail-----	1,063	1,046	37	-	-	Balance of county-----	169	55	20	93	1			
Fergus Falls-----	672	669	3	-	-	Kemper-----	392	1	137	249	5			
Balance of county-----	411	377	34	-	-	Lafayette-----	627	297	83	243	4			
Pennington-----	579	567	12	-	-	Lamar-----	190	56	90	44	-			
Pine-----	96	45	53	-	-	Lauderdale-----	2,189	1,623	137	420	9			
Pipestone-----	393	393	-	-	-	Meridian-----	1,905	1,611	86	202	6			
Polk-----	686	675	13	-	-	Balance of county-----	294	12	51	218	3			
Pope-----	310	303	7	-	-	Lawrence-----	258	29	73	145	11			
Ramsey-----	10,353	10,195	130	25	3	Leake-----	514	52	257	199	6			
St. Paul-----	10,343	10,195	120	25	3	Lee-----	1,275	851	360	64	-			
Balance of county-----	10	-	10	-	-	LeFlore-----	2,026	635	267	1,091	33			
Red Lake-----	1	-	1	-	-	Greenwood-----	840	631	12	195	2			
Redwood-----	378	352	26	-	-	Balance of county-----	1,186	4	255	996	31			
Renville-----	20	1	19	-	-	Lincoln-----	923	636	75	206	6			
Rice-----	926	905	21	-	-	Lowdes-----	1,056	395	241	383	37			
Faribault-----	584	574	10	-	-	Columbus-----	608	351	117	132	6			
Balance of county-----	342	331	11	-	-	Balance of county-----	450	44	124	251	31			
Rock-----	286	283	3	-	-	Madison-----	1,229	262	92	866	9			
Roseau-----	402	370	31	-	1	Marion-----	645	274	133	223	15			
St. Louis-----	5,075	5,021	53	-	1	Marshall-----	888	169	109	603	7			
Duluth-----	3,231	3,211	20	-	-	Monroe-----	1,094	552	260	276	6			
Hibbing-----	663	659	4	-	-	Montgomery-----	373	140	40	181	12			
Virginia-----	603	603	-	-	-	Neshoba-----	603	331	147	113	12			
Balance of county-----	578	548	29	-	1									
Scott-----	313	303	10	-	-									

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
MISSISSIPPI—Continued					MISSOURI—Continued						
Newton	850	606	120	113	11	Holt	87	-	60	-	1
Noonbee	649	114	57	465	13	Howard	150	97	52	1	-
Oktibbeha	791	419	64	286	28	Howell	569	285	279	7	18
Panola	952	341	201	398	12	Iron	492	369	78	12	23
Pearl River	624	411	186	26	1	Jackson	14,644	14,259	380	2	3
Perry	158	2	42	88	24	Kansas City	15,275	12,962	308	2	3
Pike	1,245	722	247	271	5	Independence	1,191	1,178	13	-	-
Pontotoc	434	221	147	62	4	Balance of county	178	119	59	-	-
Prenviss	632	467	111	46	8	Jasper	1,995	1,916	75	2	2
Quitman	1,035	322	332	371	8	Joplin (part)	1,372	1,352	18	2	-
Rankin	571	225	120	215	13	Joplin (total)	1,373	1,352	19	2	-
Scott	625	212	190	203	20	Carthage	406	402	4	-	-
Sharkey	392	45	50	296	1	Balance of county	217	162	53	-	2
Simpson	893	489	105	99	2	Jefferson	296	5	236	3	2
Smith	341	151	134	48	8	Johnson	328	303	23	-	2
Stone	58	-	31	26	1	Knox	65	42	21	-	-
Sunflower	1,766	296	701	762	7	Laclede	454	366	63	1	4
Tallahatchie	1,122	143	386	586	7	Lafayette	332	218	113	-	1
Tate	535	3	203	318	11	Lawrence	332	285	73	-	4
Tippah	554	388	124	55	7	Levie	69	-	69	-	-
Washington	307	-	301	1	5	Lincoln	55	-	55	-	-
Union	690	2	124	561	3	Linm	421	354	67	-	-
Union	589	457	44	83	5	Livingston	406	349	56	-	1
Walthall	755	571	39	159	6	McDonald	163	80	75	7	1
Warren	1,413	976	24	405	8	Maccon	256	185	71	-	-
Vicksburg	1,397	975	20	296	6	Madison	133	2	126	1	4
Balance of county	116	1	4	109	2	Marion	92	1	90	1	-
Washington	2,412	957	419	1,007	29	Marion	970	937	33	-	-
Greenville	1,055	579	215	254	7	Hannibal	942	936	6	-	-
Balance of county	1,357	378	204	753	22	Balance of county	28	1	27	-	-
Wayne	473	217	66	179	11	Mercer	140	114	26	-	-
Webster	257	124	72	56	5	Miller	268	202	66	-	-
Wilkinson	523	153	56	307	7	Mississippi	557	6	403	143	5
Winston	682	282	121	267	12	Moniteau	199	151	48	-	-
Yalobusha	383	85	164	126	8	Monroe	49	1	47	-	1
Yazoo	1,255	400	94	748	13	Montgomery	61	-	60	1	-
						Morgan	106	40	82	3	1
MISSOURI						New Madrid	956	208	555	177	16
Adair	781	704	69	7	1	Newton	515	418	81	5	-
Kirksville	747	704	39	4	-	Joplin (part)	1	1	-	-	-
Balance of county	34	-	30	3	1	Balance of county	514	419	80	5	-
Andrew	22	-	20	-	2	Hodaway	815	784	30	-	1
Atchison	31	12	19	-	-	Oregon	179	43	126	5	5
Audrain	679	615	61	1	2	Osage	70	4	64	-	2
Barry	591	476	103	1	1	Osark	185	126	39	6	15
Barton	306	174	34	-	-	Pemisot	934	49	650	198	37
Bates	268	213	55	-	-	Perry	164	-	164	-	-
Benton	141	133	7	1	-	Pettis	695	632	63	-	-
Bollinger	101	3	82	3	13	Sedalia	680	631	49	-	-
Boone	917	849	66	1	2	Balance of county	15	1	14	-	-
Columbia	873	846	27	-	-	Shelby	214	55	148	9	2
Balance of county	44	2	39	1	2	Pike	389	305	75	7	2
Buchanan	2,216	2,029	183	4	-	Platte	6	-	6	-	-
St. Joseph	2,193	2,029	160	4	-	Folk	229	108	121	-	-
Balance of county	23	-	23	-	-	Pulaski	612	511	100	-	1
Butler	1,397	993	315	59	21	Putnam	145	109	36	-	-
Poplar Bluff	1,091	989	87	14	1	Ralls	20	-	20	-	-
Balance of county	296	4	228	44	20	Randolph	534	436	96	1	1
Callaway	102	58	46	-	-	Moberly	469	436	33	-	-
Camden	346	283	80	3	-	Balance of county	65	-	65	1	1
Cape Girardeau	76	-	73	-	2	Ray	88	1	87	-	-
Cape Girardeau	1,628	1,548	76	4	-	Reynolds	106	1	88	9	8
Balance of county	1,568	1,548	15	3	-	Ripley	242	146	79	6	11
62	-	61	1	-	-	St. Charles	894	843	51	-	-
Carroll	324	300	23	-	1	St. Charles	852	843	9	-	-
Carter	64	30	26	5	3	Balance of county	42	-	42	-	-
Cass	246	174	69	-	3	St. Clair	112	44	68	-	-
Cedar	137	85	80	2	-	St. Francois	858	577	248	28	5
Charlton	99	14	84	1	-	St. Louis	4,104	3,901	176	23	4
Christian	126	53	66	4	3	University City	4	-	4	-	-
Clark	20	-	20	-	-	Clayton	577	573	3	1	-
Clay	539	452	86	-	1	Kirkwood	8	1	7	-	-
Clinton	170	108	61	-	1	Maplewood	2	-	2	-	-
Cole	922	808	114	-	1	Richmond Heights	3,110	3,105	5	-	-
Jefferson City	872	808	64	-	-	Webster Groves	1	-	1	-	-
Balance of county	50	-	50	-	-	Balance of county	408	222	154	22	4
Cooper	424	399	22	2	1	St. Louis (city)	26,173	25,724	359	65	4
Crawford	159	1	149	1	7	Ste. Genevieve	156	5	151	-	-
Dade	124	95	29	-	-	Saline	477	386	91	-	-
Dallas	133	23	109	1	-	Schuyler	39	3	35	-	-
DeWitt	126	22	104	-	-	Scotland	15	-	15	-	-
De Kalb	54	1	53	-	-	Scott	917	666	170	77	4
Dent	221	131	49	38	3	Shannon	82	-	63	8	11
Douglas	162	-	161	5	16	Shelby	64	16	48	-	-
Dunklin	1,139	415	673	42	8	Stoddard	612	174	406	22	10
Franklin	1,080	945	133	1	1	Stone	96	-	84	6	5
Gasconade	111	63	47	-	1	Sullivan	89	35	54	-	-
Geny	119	50	69	-	1	Taney	101	1	92	2	6
Greene	3,134	3,045	84	2	5	Texas	303	1	267	3	18
Springfield	2,746	2,730	15	-	1	Vernon	368	341	25	-	2
Balance of county	388	315	69	2	2	Warren	104	80	24	-	-
Grundy	301	286	15	-	2	Washington	293	-	234	43	15
Harrison	280	165	85	-	-	Wayne	95	-	90	5	5
Henry	456	441	11	-	4	Webster	170	93	65	3	9
Hickory	44	14	30	-	-	Worth	39	1	38	-	-
						Wright	252	15	224	6	7

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
MONTANA					NEBRASKA—Continued						
Beaverhead	145	139	7	-	-	Dawson	254	244	7	1	2
Big Horn	322	299	12	4	7	Dawson	544	525	19	1	1
Blaine	180	142	15	3	-	Deuel	9	6	2	-	1
Broadwater	128	125	5	-	-	Dixon	192	127	65	-	-
Carbon	79	62	17	-	-	Dodge	674	667	6	-	-
Carter	30	30	-	-	-	Dodge	631	627	3	-	1
Cascade	1,774	1,763	7	2	2	Fremont	43	40	3	-	1
Great Falls	1,706	1,700	6	-	-	Balance of county	14	1	13	-	-
Balance of county	68	63	1	2	2	Douglas	7,619	7,537	81	1	-
Chouteau	61	60	-	-	1	Omaha	7,605	7,536	68	1	-
Custer	532	524	7	1	-	Balance of county	110	107	3	-	-
Danields	85	81	2	-	-	Dundy	121	116	5	-	-
Dawson	318	310	8	-	-	Fillmore	39	1	38	-	-
Deer Lodge	330	323	7	-	-	Franklin	45	12	30	-	1
Ansconda	330	323	7	-	-	Frontier	109	106	2	-	-
Balance of county	-	-	-	-	-	Furnas	731	716	15	-	-
Fallon	104	103	-	-	1	Gage	649	647	2	-	-
Fergus	464	457	5	2	-	Beatrice	82	69	13	-	-
Flathead	881	834	27	-	-	Balance of county	125	123	2	-	-
Gallatin	578	569	9	-	-	Garden	124	117	7	-	-
Garfield	47	46	1	-	-	Garfield	24	24	-	-	-
Glacier	276	266	10	-	-	Gosper	5	-	5	-	-
Golden Valley	-	-	-	-	-	Grant	89	86	3	-	-
Granite	37	35	2	-	-	Greeley	923	874	48	-	1
Hill	688	673	9	5	1	Hall	900	876	25	-	1
Jefferson	43	39	4	-	-	Balance of county	23	-	23	-	-
Judith Basin	1	-	1	-	-	Hamilton	91	94	7	-	-
Lake	381	366	15	-	-	Harlan	53	49	4	-	1
Levis and Clark	604	591	13	-	-	Hays	37	32	5	-	-
Helena	599	590	9	-	-	Hitchcock	286	226	58	-	2
Balance of county	5	1	4	-	-	Holt	22	15	9	-	-
Liberty	16	14	2	-	-	Hooker	137	121	5	-	1
Lincoln	142	118	23	1	-	Howard	336	315	11	-	-
McCone	1	-	1	-	-	Jefferson	151	115	6	-	-
Madison	62	55	7	-	-	Johnson	189	186	1	-	-
Meagher	6	1	5	-	-	Keasney	192	169	24	-	-
Mineral	24	22	2	-	-	Keith	1	-	1	-	-
Missoula	1,059	1,045	14	-	-	Kiva Paha	65	39	25	-	-
Balance of county	2	-	2	-	-	Kimball	123	92	28	1	2
Musselshell	68	57	11	-	-	Knox	3,173	3,129	41	-	3
Park	310	303	7	-	-	Lincoln	3,162	3,129	30	-	3
Petroleum	1	-	1	-	-	Balance of county	11	-	11	-	-
Phillips	57	45	11	1	-	Lincoln	815	754	61	-	-
Pondera	229	216	6	7	-	North Platte	688	641	47	-	-
Powder River	-	-	-	-	-	Balance of county	127	113	14	-	-
Powell	146	145	1	-	-	Logan	6	-	6	-	-
Prairie	83	82	1	-	-	Loup	2	-	2	-	-
Ravalli	284	250	4	-	-	McPherson	-	-	-	-	-
Richland	551	356	6	-	-	Madison	928	923	5	-	-
Roosevelt	562	354	5	3	-	Norfolk	918	918	-	-	-
Rosebud	128	101	16	9	2	Balance of county	10	5	5	-	-
Sanders	49	35	10	1	2	Merrick	157	152	5	-	-
Sheridan	105	105	-	-	-	Morrill	94	72	20	1	1
Silver Bow	1,152	1,139	11	1	1	Nance	127	126	1	-	-
Butte	1,141	1,128	11	1	1	Nemaha	195	191	4	-	-
Balance of county	11	11	-	-	-	Nuckolls	219	216	3	-	-
Stillwater	76	71	4	1	-	Otoe	492	479	13	-	-
Sweet Grass	28	19	9	-	-	Pawnee	110	102	8	-	-
Teton	52	14	11	7	-	Perkins	62	58	4	-	-
Toole	135	130	5	-	-	Phelps	328	327	1	-	-
Treasure	5	-	5	-	-	Pierce	324	313	11	-	-
Valley	328	321	7	-	-	Platte	811	805	6	-	-
Wheatland	1	-	1	-	-	Polk	179	178	1	-	-
Wibaux	-	-	-	-	-	Red Willow	687	676	10	1	-
Yellowstone	1,692	1,654	52	2	4	Richardson	416	405	10	-	1
Billings	1,688	1,654	9	2	3	Rock	71	71	-	-	-
Balance of county	24	-	23	1	1	Saline	147	134	13	-	-
Yellowstone Nat. Park (part)	-	-	-	-	-	Sarpy	220	215	4	-	1
						Saunders	140	129	11	-	-
NEBRASKA					NEVADA						
Adams	940	936	3	-	1	Churchill	117	117	-	-	-
Hastings	936	935	1	-	-	Clark	1,094	1,058	24	-	2
Balance of county	4	1	2	-	1	Douglas	29	25	2	-	1
Antelope	266	231	35	-	-	Elko	263	252	5	3	3
Arthur	-	-	-	-	-	Esmeralda	1	-	-	-	1
Banner	2	-	1	-	1	Eureka	1	-	1	-	-
Blaine	5	-	5	-	-						
Boone	182	173	7	-	2						
Box Butte	484	456	7	-	1						
Boyd	151	143	8	-	-						
Brown	202	198	4	-	-						
Buffalo	680	659	21	-	-						
Burt	175	159	13	-	3						
Butler	188	186	2	-	-						
Cass	22	2	20	-	-						
Cedar	148	112	35	-	1						
Chase	144	131	12	-	1						
Cherry	215	208	7	-	-						
Cheyenne	444	440	3	-	1						
Clay	18	13	5	-	-						
Colfax	4	-	4	-	-						
Cuming	332	328	4	-	-						
Custer	417	384	82	-	1						
Dakota	3	-	3	-	-						

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—							
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified				
NEW MEXICO—Continued					NEW YORK—Continued										
San Miguel	1,055	514	65	435	39	Nassau—Continued									
Santa Fe	1,400	951	147	283	39	Lynbrook	3								
Santa Fe	1,232	930	70	219	13	Mineola	1,991	1,979	2						
Balance of county	168	1	77	64	26	Rockville Centre	3,120	3,116	4						
Sierra	148	93	32	11	12	Valley Stream	1								
Socorro	319	28	211	52	27	Balance of county	3,730	3,657	90						
Taos	466	133	56	257	20	New York City ²	156,900	154,910	1,649	144					197
Torrance	193	58	75	53	7	Niagara	4,534	4,497	34						
Union	220	130	59	21	10	Niagara Falls	2,780	2,769	11						
Valencia	622	200	252	109	62	Lockport	925	925	2						
						North Tonawanda	812	804	6						
						Balance of county	17	1	15						
NEW YORK	302,528	296,937	5,003	241	347	Oneida	4,922	4,770	146	1					
Albany	4,900	4,802	54	39	6	Utica	5,432	5,413	18						
Albany	4,543	4,475	28	36	4	Rome	1,281	1,271	10						
Cohoes	335	327	8			Balance of county	209	86	118						
Watervliet	8		7	1		Onondaga	8,008	7,949	57						
Balance of county	14		11	1	2	Syracuse	7,929	7,908	20						
Allegany	862	857	25			Balance of county	79	41	37						
Broome	4,758	4,712	43		3	Ontario	1,497	1,469	26						
Binghamton	2,336	2,324	12			Geneva	590	586	3						
Endicott	750	749	1			Balance of county	907	883	23						
Johnson City	1,499	1,498			1	Orange	3,443	3,353	89						
Balance of county	173	141	30		2	Newburgh	1,053	1,030	22						
Cattaraugus	2,082	2,032	48		2	Middletown	793	788	7						
Olean	1,328	1,325	3			Balance of county	1,597	1,537	59						
Balance of county	754	707	45		2	Orleans	626	619	7						
Cayuga	1,599	1,589	40			Orwego	1,459	1,346	110						
Auburn	1,558	1,555	3			Fulton	581	577	4						
Balance of county	41	34	7			Oswego	766	766							
Chautauque	3,052	3,017	31		4	Balance of county	112	3	106						
Jamestown	1,783	1,780	2		1	Otsego	998	948	46	2					
Dunkirk	654	653	1			Oneonta	528	523	2						
Balance of county	615	594	28		3	Balance of county	472	423	44	2					
Chemung	2,185	2,153	10		2	Putnam	284	272	12						
Elmira	2,159	2,153	5		1	Rensselaer	3,325	3,291	36	6					
Balance of county	6		5		1	Troy	3,205	3,187	7						
Chenango	930	898	32			Rensselaer	7		3	4					
Clinton	1,371	1,249	119		3	Balance of county	115	84	26	1					
Flattsburgh	1,245	1,244	1			Rockland	1,674	1,656	38						
Balance of county	126	5	118		3	St. Lawrence	2,540	2,411	123	2					
Columbia	680	652	27			Massena	550	545	5						
Hudson	623	613	10			Ogdensburg	637	633	3						
Balance of county	57	39	17		1	Balance of county	1,353	1,233	115	2					
Cortland	1,110	1,091	14		2	Saratoga	856	789	44						
Cortland	1,095	1,091	1		2	Saratoga Springs	466	462	4						
Balance of county	15		13		1	Balance of county	370	327	40						
Delaware	1,125	1,051	91		1	Schenectady	3,457	3,431	22	1					
Dutchess	2,122	2,059	50		7	Schenectady	2,121	2,100	17	1					
Poughkeepsie	1,045	1,029	1		5	Schoharie	1,536	1,531	5						
Beacon	240	246	1		2	Schoharie	306	264	62	1					
Balance of county	828	794	38		2	Schuyler	264	255	9						
Erie	19,626	19,230	359	19	19	Seneca	427	416	6						
Buffalo	17,469	17,295	150	13	11	Stenben	2,390	2,201	85						
Kenmore	2	2				Corning	916	912	4						
Lackawanna	1,653	1,621	28		3	Hornell	522	517	5						
Tonawanda	2	1			1	Balance of county	942	662	76						
Balance of county	500	314	178		2	Suffolk	5,035	4,923	163	4					
Essex	908	908	8		6	Sullivan	801	725	75						
Franklin	1,049	767	269		3	Tioga	445	405	31						
Fulton	989	966	21		10	Tompkins	1,223	1,199	22	1					
Gloversville	989	965	4		1	Ithaca	1,203	1,197	5						
Johnstown	1		1			Balance of county	20	2	17	1					
Balance of county	19	1	16		1	Ulster	1,517	1,486	31						
Genesee	1,228	1,214	13		1	Kingston	1,163	1,161	2						
Batavia	1,214	1,213	1			Balance of county	354	325	29						
Balance of county	14	1	12		1	Warren	1,562	1,542	39	1					
Greene	549	528	20		1	Glens Falls	1,543	1,541	2						
Hamilton	8		8			Balance of county	39	1	37	1					
Herkimer	1,452	1,421	31			Washington	496	391	104						
Little Falls	560	558	2			Wayne	828	792	36						
Balance of county	892	863	29			Westchester	11,559	11,484	71	2					
Jefferson	2,213	2,099	124			Yonkers	3,054	3,037	17						
Watertown	1,646	1,638	8			Mount Vernon	1,471	1,455	15	1					
Balance of county	567	451	116			New Rochelle	1,354	1,346	7						
Lewis	461	436	43		2	White Plains	1,390	1,387	3						
Livingston	442	422	20			Nearmaroneck	1		1						
Madison	1,035	985	46		4	Ossining	370	369	1						
Oneida	762	759	3			Peekskill	582	574	8						
Balance of county	271	224	43		4	Fort Chester	1,186	1,185	1						
Morroe	11,425	11,344	69	1	9	Scarsdale									
Rochester	11,091	11,040	42	1	6	Balance of county	2,151	2,131	19						
Irondequoit (town)	4	1	3			Wyoming	665	643	22						
Balance of county	328	303	24		1	Yates	236	327	9						
Montgomery	1,155	1,140	11	3	1										
Amsterdam	1,144	1,140	2			NORTH CAROLINA	108,180	73,766	20,396	13,798					220
Balance of county	11		9	1	1	Alamance	1,791	1,416	369	6					
Nassau	10,699	10,568	125		6	Burlington	1,025	929	96						
Floral Park	367	364	3			Balance of county	766	487	273	6					
Freeport	548	545	1		2	Alexander	115	2	109	4					
Garden City						Alleghany	84		81	1					
Glen Cove	343	327	15		1	Anson	670	359	171	336					
Hempstead	6		6												

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued
(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—							
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ²	Physician not in hospital	Midwife	Other and not specified				
NORTH CAROLINA—Con.					NORTH CAROLINA—Con.										
Ashe	640	494	103	40	3	New Hanover	1,997	1,921	19	45	2				
Avery	455	371	15	46	1	Wilmington	1,992	1,921	17	43	1				
Beaufort	1,359	992	116	251	-	Balance of county	5	-	2	2	1				
Bertie	676	279	153	264	-	Northampton	660	1	506	341	12				
Bladen	670	3	449	219	-	Onslow	1,292	1,129	76	85	4				
Brunswick	378	171	12	192	3	Orange	195	15	120	60	-				
Buncombe	3,068	2,699	201	159	9	Pamlico	226	-	153	73	1				
Asheville	2,858	2,689	35	129	5	Pasquotank	823	526	68	226	3				
Balance of county	210	10	166	30	4	Elizabeth City	658	526	11	120	1				
Burke	1,019	924	28	62	5	Balance of county	165	-	57	106	2				
Cabarrus	1,648	1,578	51	19	-	Fender	375	1	141	227	6				
Concord	1,593	1,578	12	3	-	Perquimans	163	-	51	109	3				
Balance of county	55	-	39	16	-	Person	712	327	311	73	1				
Caldwell	1,170	879	269	22	-	Pitt	1,746	690	708	347	1				
Camden	86	-	26	60	-	Greenville	748	662	16	70	-				
Carteret	590	475	44	71	-	Balance of county	998	28	692	277	1				
Caswell	371	-	203	171	-	Polk	218	153	60	5	-				
Catawba	1,616	1,685	55	73	3	Randolph	1,056	949	82	25	2				
Hickory	1,147	1,131	5	11	-	Richmond	1,079	626	253	194	6				
Balance of county	669	554	50	62	3	Robeson	2,752	1,011	1,239	492	11				
Chatham	614	353	207	53	1	Rockingham	1,661	1,192	439	51	-				
Cherokee	959	408	35	118	8	Reidsville	763	609	72	2	-				
Chowan	406	164	173	69	1	Balance of county	918	505	368	49	-				
Clay	106	-	70	33	3	Rowan	1,458	1,213	178	64	3				
Cleveland	2,049	1,463	362	222	2	Salisbury	1,260	1,213	33	14	-				
Shelby	1,204	1,155	11	39	-	Balance of county	199	-	145	50	5				
Balance of county	845	308	351	184	2	Rutherford	1,102	511	526	64	1				
Columbus	1,440	752	228	456	4	Sampson	1,215	280	610	325	2				
Craven	1,355	956	52	347	-	Scotland	957	461	153	322	1				
New Bern	784	579	3	152	-	Stanly	914	790	119	5	-				
Balance of county	621	377	49	195	-	Stokes	294	86	199	8	1				
Cumberland	3,421	2,780	165	524	2	Surry	1,729	1,330	354	45	2				
Fayetteville	1,599	1,120	61	217	1	Swain	297	113	125	56	3				
Balance of county	2,022	1,610	104	307	1	Transylvania	584	238	135	10	1				
Currituck	85	35	23	35	-	Tyrrell	201	151	5	44	1				
Dare	71	26	40	4	1	Union	1,169	949	242	96	2				
Davidson	1,305	1,192	99	14	-	Vance	966	623	59	271	13				
Lexington	742	715	27	-	-	Wake	3,497	2,608	603	282	4				
Thomasville	376	358	9	9	-	Balance of county	2,619	2,519	17	80	3				
Balance of county	187	119	63	5	-	Warren	680	125	70	483	-				
Davis	137	-	130	6	1	Washington	292	56	84	152	-				
Duplin	721	1	611	109	-	Watauga	500	460	12	25	3				
Durham	3,236	3,185	31	68	2	Wayne	1,862	1,052	615	215	-				
Balance of county	50	2	23	25	-	Goldboro	871	638	146	87	-				
Edgecombe	1,560	583	518	459	1	Balance of county	991	394	469	128	-				
Rocky Mount (part)	374	275	93	8	-	Wilkes	937	577	237	121	2				
Balance of county	1,186	310	425	450	1	Wilson	1,612	1,039	497	275	1				
Forsyth	4,078	3,845	223	6	2	Balance of county	1,256	1,059	75	141	1				
Winston-Salem	3,956	3,788	144	3	1	Yadkin	556	-	422	154	-				
Balance of county	140	57	79	3	1	Yancey	206	1	59	1	1				
Franklin	555	153	163	218	1	NORTH DAKOTA					16,892	16,091	707	47	47
Gaston	2,196	1,705	360	101	-	Adams	131	126	5	-	-				
Gastonia	1,747	1,702	52	13	-	Barnes	561	578	3	-	-				
Balance of county	439	5	348	88	2	Benson	151	139	6	2	4				
Gates	179	58	56	63	2	Billings	1	-	-	-	1				
Gran	177	125	57	13	2	Boottineau	299	286	11	1	1				
Greenville	631	449	334	48	-	Bowman	56	53	3	-	-				
Green	466	1	425	39	1	Burke	80	72	8	-	-				
Guilford	4,661	4,335	285	79	4	Burleigh	1,654	1,645	8	-	1				
Greensboro	2,950	2,929	10	10	1	Bismarck	1,652	1,645	7	-	-				
High Point	1,516	1,402	89	25	-	Balance of county	2	-	1	-	1				
Balance of county	213	2	166	44	3	Cass	2,194	2,187	7	-	-				
Halifax	2,133	829	505	937	2	Fargo	2,187	2,183	4	-	-				
Barnett	1,558	1,198	197	161	4	Balance of county	7	4	3	-	-				
Haywood	1,007	972	29	5	3	Cavalier	276	261	13	-	2				
Henderson	822	754	62	4	2	Dickey	146	132	14	-	-				
Hertford	613	281	253	79	-	Divide	123	122	-	-	1				
Hoke	335	1	177	178	-	Dunn	13	-	6	2	5				
Hyde	101	-	17	82	2	Eddy	167	187	-	-	-				
Iredell	2,059	1,837	156	66	-	Emmons	152	3	148	-	1				
Statesville	1,193	1,152	89	17	-	Poster	155	147	8	-	-				
Balance of county	861	685	127	49	-	Golden Valley	153	150	3	-	-				
Jackson	404	193	177	26	5	Grand Forks	1,592	1,583	9	-	-				
Johnston	1,339	473	657	205	4	Grand Forks	1,451	1,448	3	-	-				
Jones	179	48	131	56	1	Balance of county	141	135	6	-	-				
Lee	695	607	31	56	1	Grant	223	216	5	1	1				
Lenoir	1,600	1,179	232	384	5	Griggs	51	42	9	-	-				
Balance of county	1,390	1,171	42	163	3	Hettinger	74	17	54	2	1				
Lincoln	410	2	190	216	2	Kidder	11	-	7	1	3				
McDowell	765	597	112	64	1	La Moure	216	179	36	1	3				
Macon	328	123	136	67	2	Logan	34	15	12	6	1				
Madison	292	50	169	59	15	McHenry	3	-	-	1	2				
Martin	678	65	47	74	3	McIntosh	42	13	27	-	2				
Mecklenburg	5,855	5,574	121	157	3	McKenzie	16	5	9	-	2				
Charlotte	5,689	5,565	47	74	3	McLean	271	250	12	2	7				
Balance of county	166	9	74	63	-	Mercer	212	207	-	4	1				
Mitchell	483	319	109	54	2	Morton	404	350	50	1	3				
Montgomery	393	221	115	56	1	Mourtrail	103	68	34	-	1				
Moore	878	758	86	49	-	Nelson	75	74	1	-	-				
Nash	1,908	955	658	294	1	Oliver	2	-	-	-	-				
Rocky Mount (part)	1,060	952	89	16	1	Pembina	112	80	31	1	-				
Rocky Mount (total)	1,434	1,225	182	26	1										
Balance of county	848	3	569	276	-										

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
NORTH DAKOTA—Continued					OHIO—Continued						
Pierce	389	366	3	-	-	Hancock	1,593	1,577	16	-	-
Ransom	599	592	7	-	-	Findlay	899	892	7	-	-
Ransom	31	11	20	-	-	Fostoria (part)	526	526	-	-	-
Renville	3	-	3	-	-	Balance of county	168	159	9	-	-
Richland	163	156	7	-	-	Hardin	836	771	65	-	-
Rolette	389	369	9	10	1	Harrison	36	-	36	-	-
Sargent	20	13	5	-	2	Henry	408	392	15	1	-
Sheridan	33	-	30	2	1	Highland	803	629	171	-	3
Sioux	64	54	3	5	2	Hocking	499	404	95	-	2
Slope	-	-	-	-	-	Holmes	558	494	63	-	1
Stark	936	932	3	1	-	Huron	943	914	29	-	-
Steele	35	34	1	-	-	Jackson	451	124	322	3	2
Stutsman	850	797	33	-	-	Jefferson	2,819	2,701	117	-	1
Towner	92	82	9	1	-	Steubenville	2,710	2,701	9	-	-
Treill	200	197	2	1	-	Balance of county	109	-	108	-	1
Walsh	603	596	7	-	-	Knox	962	949	12	-	1
Ward	1,691	1,674	15	1	1	Mount Vernon	952	949	3	-	-
Minot	1,504	1,493	10	1	-	Balance of county	10	-	9	-	1
Balance of county	187	181	5	-	1	Lake	1,177	1,164	12	-	1
Wells	345	337	7	-	1	Painesville	1,164	1,164	-	-	-
Williams	696	694	2	-	-	Balance of county	13	-	12	-	1
						Lawrence	1,090	977	105	2	6
						Linton	987	977	10	-	-
						Balance of county	103	-	95	2	6
						Licking	1,262	1,200	62	-	-
						Newark	1,227	1,200	27	-	-
						Balance of county	35	-	35	-	-
						Logan	637	596	41	-	-
						Lorain	5,522	5,493	29	-	-
						Lyria	1,220	1,219	1	-	-
						Lorain	1,743	1,730	13	-	-
						Balance of county	559	544	15	-	-
						Lucas	10,624	10,642	177	-	4
						Toledo	10,785	10,642	107	-	1
						Balance of county	71	-	70	-	-
						Madison	172	2	170	-	-
						Washington	6,239	6,239	64	-	6
						Youngstown (part)	6,238	6,238	54	-	3
						Youngstown (total)	6,238	6,238	54	-	3
						Campbell	7	-	7	-	-
						Struthers	3	1	-	-	2
						Balance of county	24	1	22	-	1
						Marion	1,306	1,284	22	-	-
						Marion	1,291	1,284	7	-	-
						Balance of county	15	-	15	-	-
						Medina	1,297	1,292	5	-	-
						Meigs	346	190	155	-	1
						Mercer	1,023	999	24	-	-
						Miami	1,642	1,625	17	-	-
						Balance of county	934	930	4	-	-
						Figua	708	685	13	-	-
						Balance of county	150	1	120	1	-
						Monroe	11,956	11,767	185	-	4
						Montgomery	11,836	11,766	70	-	-
						Dayton	120	1	115	-	4
						Balance of county	61	-	90	-	1
						Morgan	23	-	23	-	-
						Morrow	2,398	2,341	57	-	-
						Muskingum	2,378	2,341	34	-	-
						Zanesville	18	-	18	-	-
						Balance of county	120	86	34	-	-
						Noble	502	448	52	-	2
						Ottawa	241	222	19	-	-
						Paulding	189	6	183	-	-
						Perry	541	420	121	-	-
						Pickaway	257	-	245	8	4
						Pike	1,126	1,103	23	-	-
						Portage	75	-	74	-	1
						Preble	62	-	59	-	3
						Putnam	2,197	2,121	76	-	-
						Richland	1,765	1,742	23	-	-
						Balance of county	432	379	53	-	-
						Ross	1,169	763	400	2	4
						Chillicothe	616	761	55	-	-
						Balance of county	353	2	345	2	4
						Sandusky	1,324	1,290	43	1	-
						Fremont	941	975	6	-	-
						Balance of county	343	305	37	1	-
						Scioto	2,236	1,948	277	2	11
						Portsmouth	1,995	1,947	46	-	2
						Balance of county	243	1	231	2	9
						Seneca	1,016	964	32	-	-
						Fostoria (part)	1	1	-	-	-
						Fostoria (total)	527	527	-	-	-
						Tiffin	966	963	3	-	-
						Balance of county	29	-	29	-	-
						Shelby	666	652	34	-	-
						Stark	7,501	7,335	161	1	4
						Canton	5,035	4,994	39	-	2
						Massillon	1,264	1,259	6	-	-
						Alliance	1,072	1,062	9	1	-
						Balance of county	130	21	107	-	2
						Summit	10,440	10,316	102	16	6
						Akron	9,353	9,278	65	7	3
						Barberton	1,057	1,058	9	8	2
						Cuyahoga Falls	3	-	3	-	-
						Balance of county	27	-	25	1	1

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
OHIO—Continued						OKLAHOMA—Continued					
Trumbull	3,051	2,969	78	-	4	Muskogee	1,434	1,090	209	117	18
Youngstown (part)	-	-	-	-	-	Muskogee	1,212	1,077	57	68	10
Warren	2,977	2,968	9	-	-	Balance of county	222	13	152	49	8
Wiles	4	-	3	-	1	Noble	98	17	81	-	-
Balance of county	70	1	68	-	3	Nowata	246	216	24	6	2
Tuscarawas	1,641	1,533	88	-	2	Okfuskee	332	212	97	16	7
New Philadelphia	10	-	10	-	-	Oklahoma	8,466	8,303	113	41	9
Balance of county	1,631	1,523	76	-	2	Oklahoma City	7,927	7,842	71	8	6
Union	69	7	62	-	-	Balance of county	539	461	42	33	3
Van Wert	549	505	43	-	1	Okmulgee	979	774	140	52	13
Vinton	246	50	195	1	-	Okmulgee	438	388	22	25	3
Warren	147	6	141	-	-	Balance of county	541	386	118	27	10
Washington	1,048	927	120	-	1	Osage	562	480	73	6	3
Marietta	932	924	8	-	-	Ottawa	704	560	143	-	1
Balance of county	116	3	112	-	1	Pawnee	303	279	23	1	-
Wayne	1,040	905	132	-	3	Payne	1,349	1,324	13	11	1
Wooster	907	904	3	-	-	Stillwater	835	835	-	-	-
Balance of county	133	1	129	-	3	Balance of county	514	489	13	11	1
Williams	439	389	49	1	-	Pittsburg	923	734	154	45	10
Wood	471	391	77	2	1	McAlester	777	729	18	24	6
Wyandot	72	-	72	-	-	Balance of county	146	5	116	21	4
OKLAHOMA	49,548	41,792	6,332	1,077	347	Pontotoc	771	689	82	-	-
Adair	163	45	78	19	24	Ada	703	687	21	-	-
Alfalfa	142	139	2	2	-	Balance of county	63	2	61	-	-
Atoka	272	43	212	16	1	Pottawatomie	905	852	45	7	1
Beaver	130	118	10	-	2	Shawnee	856	847	3	6	-
Beckham	657	628	9	-	-	Balance of county	49	5	42	1	1
Blaine	316	283	75	6	2	Pushmataha	191	26	158	4	3
Bryan	654	409	234	8	5	Roger Mills	32	4	28	-	-
Durant	470	406	64	-	-	Rogers	513	445	60	4	4
Balance of county	184	3	170	6	5	Seminole	680	577	48	57	6
Caddo	724	544	164	11	5	Seminole	328	315	12	2	-
Canadian	321	299	19	2	1	Nowata	255	231	7	17	8
El Reno	309	298	10	1	-	Balance of county	108	81	29	29	19
Balance of county	12	1	9	1	1	Sequoyah	354	327	23	4	1
Carter	780	581	161	13	5	Stephens	850	832	23	4	1
Ardmore	634	571	58	5	5	Texas	350	281	39	1	1
Balance of county	126	10	103	8	10	Tillman	308	281	39	8	1
Cherokee	653	557	69	22	10	Tulsa	6,392	6,011	259	102	20
Choctaw	493	230	149	108	8	Tulsa	5,939	5,758	96	69	16
Cimarron	46	36	10	-	-	Balance of county	453	253	163	33	4
Cleveland	769	724	36	3	4	Wagoner	341	131	173	35	2
Norman	730	724	5	1	-	Washington	784	753	29	2	-
Balance of county	39	-	35	3	3	Wartlesville	759	753	6	-	-
Coal	94	90	3	1	1	Balance of county	25	-	23	2	-
Comanche	1,795	1,626	145	20	4	Washita	234	224	6	2	2
Lawton	830	751	57	19	3	Woods	351	349	2	-	-
Balance of county	965	875	88	1	1	Woodward	427	416	8	2	1
Cotton	157	99	57	-	1	OREGON	35,267	34,631	540	21	75
Craig	356	322	32	1	1	Baker	354	342	12	-	-
Creek	651	393	164	56	18	Benton	839	824	15	-	-
Sepulpa	325	267	7	30	2	Clackamas	925	897	16	7	15
Balance of county	594	577	12	1	4	Clatsop	839	835	4	-	-
Custer	120	16	86	8	10	Astoria	580	579	1	-	-
Delaware	42	5	27	8	2	Balance of county	259	256	3	-	-
Dewey	175	173	2	-	-	Columbia	215	174	38	1	3
Ellis	1,539	1,514	24	-	1	Cook	1,201	1,186	12	-	3
Garfield	1,522	1,514	8	-	-	Curry	237	236	1	-	-
Balance of county	17	-	16	-	1	Deschutes	45	39	5	-	1
Garvin	796	736	56	2	2	Bend	742	740	1	-	1
Grady	740	532	186	2	-	Balance of county	582	581	1	-	1
Chickasha	835	550	83	2	-	Douglas	1,064	1,014	50	-	-
Balance of county	105	2	103	-	-	Gilliam	21	17	4	-	-
Grant	2	-	2	-	-	Grant	187	183	3	-	1
Greene	200	174	26	-	-	Harney	131	129	2	-	-
Harmon	142	111	31	-	-	Hood River	362	357	3	1	1
Harper	87	12	24	-	1	Jackson	1,321	1,318	1	1	1
Haskell	186	-	183	2	1	Medford	1,095	1,095	-	-	-
Hughes	162	352	95	11	4	Balance of county	226	223	1	1	1
Jackson	456	409	47	-	-	Jefferson	57	46	8	1	2
Jefferson	189	133	53	2	1	Josephine	644	577	61	-	6
Johnston	112	45	64	2	1	Klamath	1,237	1,211	19	5	2
Key	1,142	1,109	31	2	-	Klamath Falls	1,212	1,210	2	-	2
Ponce City	770	761	9	-	-	Balance of county	25	1	17	5	2
Balance of county	372	348	22	2	-	Lake	214	211	2	-	1
Kingfisher	245	221	21	3	-	Lane	3,118	3,020	91	1	6
Kiowa	355	314	40	-	1	Eugene	2,656	2,647	9	-	2
Latiner	365	284	98	1	2	Balance of county	462	373	82	1	6
La Flore	651	290	324	15	22	Lincoln	335	321	12	-	2
Lincoln	388	312	62	11	3	Linn	1,310	1,292	14	1	3
Logan	463	357	67	35	4	Malheur	876	875	1	-	-
Guthrie	385	350	21	11	3	Marion	2,400	2,447	29	1	3
Balance of county	78	7	46	24	1	Salem	2,017	2,014	2	-	1
Love	108	2	104	2	-	Balance of county	463	453	27	1	2
McClain	218	157	59	1	1	Morrow	24	9	15	-	-
McCurtain	580	123	360	72	35	Multnomah	12,393	12,309	65	-	19
McIntosh	405	196	128	49	32	Portland	12,366	12,309	61	-	16
Major	105	82	22	1	-	Balance of county	7	-	4	-	3
Marshall	169	137	30	-	2	Polk	317	310	5	-	2
Mayes	339	277	53	9	-	Sherman	-	-	-	-	-
Murray	213	182	30	1	-	Tillamook	407	390	17	-	-

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.-LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949-Continued
(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY--				AREA	Total	BIRTHS ATTENDED BY--					
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified		
OREGON--Continued					PENNSYLVANIA--Continued								
Umatilla	780	782	17	-	1	Fayette	4,424	3,643	763	13	5		
Union	414	411	3	-	-	Connellsville	1,000	970	29	1	-		
Wallowa	126	126	-	-	-	Uniontown	1,857	1,825	32	-	1		
Wasco	514	511	-	1	1	Balance of county	1,567	648	702	12	5		
Washington	723	719	4	-	1	Forest	25	-	25	-	-		
Wheeler	-	-	-	-	-	Franklin	2,027	1,847	175	-	5		
Yamhill	809	803	5	1	-	Chambersburg	1,170	1,165	5	-	-		
PENNSYLVANIA					Waynesboro					687	681	5	-
Adams	904	756	148	-	-	Balance of county	170	1	165	-	4		
Allegheny	35,527	34,578	920	21	8	Fulton	105	-	104	1	-		
Pittsburgh	23,600	23,260	329	5	6	Greene	1,256	1,066	168	-	2		
McKeesport	2,977	2,907	59	10	1	Huntingdon	992	646	345	-	1		
Wilkinsburg	1,438	1,431	7	-	6	Indians	1,446	1,115	327	-	4		
Belleuve	717	717	-	-	-	Indiana	5	4	2	-	-		
Bradock	1,448	1,435	13	-	-	Balance of county	1,440	1,111	325	-	4		
Carnegie	7	7	-	-	-	Jefferson	1,173	1,062	90	1	-		
Claifron	56	2	53	1	-	Juniata	153	-	153	-	-		
Coranopolis	4	-	4	-	-	Lackawanna	5,550	5,365	191	13	1		
Dormont	1	-	1	-	-	Scranton	3,990	3,909	75	6	-		
Duquesne	19	-	17	2	-	Carbonada	680	661	19	2	-		
Harrison (twp.) ²	1,715	1,713	2	-	-	Dickson City	2	-	2	-	-		
Homestead	769	766	3	-	-	Dunmore	72	59	12	-	1		
McKees Rocks	5	5	-	-	-	Old Forge	17	-	14	3	-		
Mount Lebanon (twp.) ²	-	-	-	-	-	Balance of county	769	696	69	4	-		
Muzhill	3	-	3	-	-	Lancaster	5,434	4,857	874	-	3		
North Braddock	12	-	12	-	-	Lebanon	3,564	3,517	45	-	2		
Shaler (twp.) ³	13	6	7	-	-	Columbia	442	435	7	-	-		
Stoves (twp.) ³	180	180	-	-	-	Balance of county	1,429	605	822	-	1		
Swissvale	7	-	7	-	-	Lawrence	2,821	2,742	72	6	1		
Balance of county	2,556	2,161	391	3	1	New Castle	2,000	1,966	27	5	-		
Armstrong	1,567	982	481	1	3	Ellwood City (part)	778	771	7	-	-		
Beaver	2,761	2,584	163	14	-	Ellwood City (total)	778	771	7	-	-		
Aliquippa	87	-	73	14	-	Balance of county	43	3	39	1	1		
Ambridge	5	-	5	-	-	Lebanon	1,723	1,478	244	-	1		
Beaver Falls	824	809	15	-	-	Lebanon	1,516	1,477	39	-	1		
Ellwood City (part)	-	-	-	-	-	Balance of county	207	1	205	-	-		
Balance of county	1,645	1,775	70	-	-	Lehigh	5,736	5,447	286	1	-		
Bedford	595	272	315	5	3	Allentown	3,601	3,532	62	-	-		
Berks	4,267	3,976	398	-	3	Bethlehem (part)	2	-	2	-	-		
Reading	1,777	1,716	61	-	3	Balance of county	2,133	1,915	217	1	-		
Balance of county	2,490	2,160	327	-	3	Luzerne	7,617	7,349	263	2	3		
Blair	3,599	3,233	361	2	3	Hasleton	1,561	1,559	2	-	-		
Altoona	2,867	2,780	85	2	3	Wilkes-Barre	3,161	3,131	49	-	1		
Balance of county	732	453	276	-	3	Hanover (twp.) ³	7	-	7	-	-		
Bradford	1,193	1,133	60	-	-	Kingston	1,221	1,216	5	-	-		
Bucks	1,823	1,741	82	-	-	Monticoke	622	612	10	-	-		
Bristol	152	143	9	-	-	Pittston	8	-	8	-	-		
Balance of county	1,671	1,598	73	-	-	Plains (twp.) ³	7	1	6	-	-		
Butler	1,730	1,523	206	-	1	Plymouth	12	-	12	-	-		
Butler	15	-	15	-	-	Balance of county	998	831	163	2	2		
Balance of county	1,715	1,523	191	-	1	Lycrowing	2,398	2,279	116	1	2		
Cambria	5,369	4,698	664	3	4	Williamsport	1,772	1,741	31	-	-		
Johnstown	3,758	3,702	54	-	-	Balance of county	626	539	85	1	2		
Balance of county	1,613	996	610	3	4	McKean	1,284	1,257	27	-	-		
Cameron	5	-	5	-	-	Bradford	737	735	2	-	-		
Carbon	687	432	252	-	3	Balance of county	547	522	25	-	-		
Centre	2,025	1,930	93	-	2	Mercer	3,075	2,982	82	-	1		
Chester	2,976	2,817	159	-	-	Sharon	1,709	1,700	9	-	-		
Coatesville	70	60	10	-	-	Farrell	5	-	5	-	-		
Phoenixville	502	498	4	-	-	Balance of county	1,561	1,292	68	-	1		
West Chester	1,125	1,119	6	-	-	Midway	1,259	1,052	206	-	-		
Balance of county	1,279	1,140	139	-	-	Lewistown	246	239	7	-	-		
Clarion	419	2	414	1	2	Balance of county	993	793	199	-	1		
Clearfield	1,721	1,425	294	-	2	Monroe	761	692	67	-	2		
Du Bois	865	865	2	-	-	Montgomery	6,707	6,552	155	-	-		
Balance of county	856	562	292	-	2	Lower Merion (twp.) ³	1,607	1,599	8	-	-		
Clinton	1,006	992	14	-	-	Horseshoe	1,613	1,602	11	-	-		
Lock Haven	837	836	1	-	-	Abington (twp.) ³	1,597	1,591	6	-	-		
Balance of county	169	156	13	-	-	Cheltenham (twp.) ³	3	-	3	-	-		
Columbia	1,109	1,051	58	-	-	Comshockocken	17	1	16	-	-		
Berwick	517	509	8	-	-	Pottstown	1,304	1,292	12	-	-		
Balance of county	592	542	50	-	-	Balance of county	368	267	99	-	-		
Crawford	1,682	1,623	59	-	-	Montour	1,004	875	129	-	-		
Meadville	1,347	1,344	3	-	-	Northampton	2,297	2,066	209	1	1		
Balance of county	535	479	56	-	-	Bethlehem (part)	72	53	17	1	1		
Cumberland	2,046	1,798	246	1	1	Bethlehem (total)	74	53	19	1	1		
Carlisle	347	322	25	-	-	Easton	332	307	25	-	-		
Balance of county	1,099	876	221	1	1	Balance of county	1,893	1,726	167	-	-		
Dauphin	4,985	4,571	406	5	3	Northumberland	1,941	1,294	246	-	1		
Harrisburg	4,125	4,027	97	-	1	Mount Carmel	12	-	11	-	1		
Steelton	35	4	31	-	-	Shamokin	16	-	16	-	-		
Balance of county	825	540	278	5	2	Sunbury	622	598	24	-	-		
Delaware	6,603	6,396	203	3	1	Balance of county	891	696	195	-	-		
Chester	1,903	1,796	105	1	1	Perry	165	2	162	-	1		
Haverford (twp.) ³	4	-	4	-	-	Philadelphia, coextensive with Philadelphia (city)	46,993	45,624	1,232	17	20		
Upper Darby (twp.) ³	575	569	5	1	-	Pike	14	3	10	-	1		
Darby	2,556	2,557	1	-	-	Potter	248	223	25	-	-		
Lansdowne	-	-	-	-	-	Schuylkill	3,997	3,561	431	2	3		
Balance of county	1,563	1,474	88	1	-	Mahanoy City	23	1	22	-	-		
Elk	872	851	21	-	-	Pottsville	1,698	1,687	11	-	-		
Eric	5,499	5,352	146	-	1	Shenandoah	12	-	12	-	-		
Eric	4,767	4,714	52	-	1	Temaqua	15	-	15	-	-		
Balance of county	732	636	94	-	-	Balance of county	2,249	1,673	371	2	3		
						Snyder	116	1	114	-	1		

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949.—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
PENNSYLVANIA—Continued					SOUTH CAROLINA—Con.						
Somerset	1,790	1,427	363	-	-	Greenwood	1,150	821	156	175	-
Sullivan	22	1	20	-	1	Greenwood	650	900	12	59	-
Susquehanna	308	184	122	-	2	Balance of county	300	21	144	135	-
Tioga	810	677	131	-	2	Hampton	387	3	113	271	-
Union	740	691	49	-	-	Horry	1,740	1,200	253	286	1
Venango	1,526	1,452	72	-	2	Jasper	376	196	35	145	-
Oil City	925	915	10	-	-	Kershaw	856	326	68	421	1
Balance of county	603	559	62	-	2	Lancaster	1,057	819	75	164	1
Warren	696	637	58	-	1	Laurens	745	564	95	284	-
Warren	639	635	4	-	-	Lee	658	-	155	480	3
Balance of county	57	2	54	-	1	Lexington	676	203	275	198	2
Washington	4,754	4,518	433	-	3	McCormick	507	13	269	25	-
Washington	1,428	1,407	21	-	-	Marion	1,375	1,007	181	185	2
Canonsburg	759	754	5	-	-	Marlboro	1,112	539	388	185	-
Charleroi	2	-	2	-	-	Newberry	744	449	47	247	1
Donora	8	-	8	-	-	Oconee	918	635	166	111	6
Balance of county	2,557	2,157	397	-	3	Orangeburg	2,243	719	244	1,271	9
Wayne	313	232	81	-	-	Orangeburg	889	712	28	147	2
Westmoreland	5,915	5,401	510	1	3	Balance of county	1,354	7	216	1,124	7
Arnold	5	-	5	-	-	Pickens	607	180	400	27	-
Greensburg	1,606	1,798	8	-	-	Richland	4,684	3,795	167	710	12
Jennette	17	-	17	-	-	Columbia	3,558	3,185	104	252	7
Latrobe	1,181	1,176	5	-	-	Balance of county	1,126	600	63	458	5
Manessen	36	-	36	-	-	Saluda	315	2	184	127	2
Rev Kensington	1,452	1,442	10	-	-	Spartanburg	3,805	2,778	874	147	6
Vandergrift	24	-	23	-	1	Spartanburg	2,867	2,643	172	49	3
Balance of county	1,394	985	406	1	2	Balance of county	938	135	702	98	3
Wyoming	320	259	60	-	1	Sumter	2,063	975	69	962	57
York	4,470	3,416	1,053	-	1	Sumter	1,029	975	11	45	-
York	2,338	2,082	255	-	1	Balance of county	1,034	2	58	917	57
Hanover	1,007	979	28	-	-	Union	752	445	137	172	-
Balance of county	1,125	355	770	-	-	Williamsburg	1,659	408	198	1,050	3
ROCK ISLAND	17,206	16,985	210	4	7	York	2,017	1,571	160	286	-
Bristol	8	-	5	3	-	Rock Hill	618	597	12	19	-
Bristol (town)	6	-	4	2	-	Balance of county	1,399	984	148	267	-
Balance of county	2	-	1	1	-	SOUTH DAKOTA					
Kent	184	162	20	-	2	Armstrong	-	-	-	-	-
Warwick	11	2	7	-	-	Aurora	32	16	15	-	1
West Warwick (town)	165	160	5	-	-	Beadle	747	730	12	4	1
Balance of county	8	-	8	-	-	Huron	734	729	4	-	1
Newport	1,336	1,322	14	-	-	Balance of county	15	1	8	4	-
Newport	1,326	1,318	8	-	-	Bennett	80	76	-	1	3
Balance of county	10	4	6	-	-	Bon Homme	205	171	32	2	-
Providence	14,032	13,661	166	1	4	Brookings	469	464	5	-	-
Providence	10,161	10,110	49	-	2	Brown	1,151	1,141	10	-	-
Central Falls	418	397	21	-	-	Aberdeen	1,149	1,140	9	-	-
Cranston	238	232	5	1	-	Balance of county	2	1	1	-	-
East Providence (town)	5	-	5	-	-	Brule	139	137	2	-	-
Pawtucket	1,608	1,568	35	-	-	Buffalo	2	-	-	-	2
Woonsocket	1,574	1,553	19	-	2	Butte	229	217	11	-	1
Cumberland (town)	4	-	4	-	-	Campbell	1	-	-	-	1
Johnston (town)	1	-	1	-	-	Charles Mix	321	296	22	1	2
Lincoln (town)	4	-	4	-	-	Clark	15	8	7	-	-
North Providence (town)	3	-	3	-	-	Clay	216	210	6	-	-
Balance of county	21	1	20	-	-	Codington	776	768	8	-	-
Washington	1,646	1,640	5	-	1	Watertown	775	768	7	-	-
Westerly (town)	625	624	1	-	-	Balance of county	1	-	1	-	-
Balance of county	1,021	1,016	4	-	1	Corson	99	90	5	2	2
SOUTH CAROLINA					58,755	51,938	10,134	16,531	152		
Abbeville	294	92	94	106	2	Custer	17	-	17	-	-
Alkon	1,159	575	359	241	3	Davidson	1,021	1,016	4	-	1
Allendale	251	-	82	189	-	Mitchell	1,019	1,015	3	-	1
Anderson	2,359	1,758	448	152	1	Balance of county	2	1	1	-	-
Anderson	1,636	1,537	88	11	-	Day	314	303	8	-	2
Balance of county	723	221	360	141	1	Deuel	99	86	13	-	-
Bamberg	323	-	71	250	2	DeWey	99	85	11	1	4
Barnwell	457	17	113	327	-	Douglas	5	3	2	-	-
Beaufort	318	391	51	475	1	Edmunds	166	160	5	1	-
Berkeley	885	223	23	616	3	Fall River	436	432	3	1	-
Calhoun	384	-	5	358	1	Faulk	86	82	4	-	-
Charleston	5,157	3,228	858	1,067	6	Grant	217	213	3	-	1
Charleston	3,659	2,839	708	110	2	Gregory	286	281	3	2	-
Balance of county	1,498	389	148	957	4	Haakon	65	63	2	-	-
Cherokee	933	691	187	54	1	Hamlin	51	47	3	-	1
Chester	758	291	116	348	1	Hand	179	175	4	-	-
Chesterfield	782	-	676	103	3	Hanson	14	2	8	4	-
Clarendon	836	-	100	734	2	Harding	7	5	2	-	-
Colleton	885	419	59	404	3	Hughes	501	493	5	2	1
Darlington	1,537	663	438	435	1	Hutchinson	401	364	28	8	1
Dillon	897	519	54	321	3	Hyde	23	16	7	-	-
Dorchester	627	175	98	354	-	Jackson	73	73	-	-	-
Edgefield	447	51	296	99	1	Jarvis	103	102	1	-	-
Fairfield	585	58	205	320	2	Jones	81	61	-	-	-
Florence	2,700	1,316	530	853	1	Kingsbury	137	116	21	-	-
Florence	1,419	1,156	44	219	-	Lake	379	374	5	-	-
Balance of county	1,281	180	486	634	1	Lawrence	542	527	14	-	1
Georgetown	785	3	240	538	4	Lincoln	219	215	4	-	-
Greenville	4,635	4,022	348	260	5	Lyman	26	18	4	3	1
Greenville	2,620	2,398	61	161	5	McCook	13	2	11	-	-
Balance of county	2,015	1,624	287	99	5	McPherson	227	220	3	-	4
						Marshall	335	323	5	1	1
						Meade	154	118	36	-	-
						Mellette	10	-	-	2	8

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued
(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
SOUTH DAKOTA—Continued					TENNESSEE—Continued						
Miner	89	77	12	-	-	Madison	1,671	1,043	214	405	9
Minnehaha	2,520	2,508	14	-	-	Jackson	1,270	1,042	84	142	2
Sioux Falls	2,431	2,421	10	-	-	Balance of county	401	1	130	263	7
Balance of county	89	85	4	-	-	Merrion	462	211	228	13	10
Moody	140	135	4	-	1	Marshall	392	323	61	8	-
Pemington	1,182	1,165	13	2	2	Mearry	915	545	292	68	8
Rapid City	1,092	1,084	5	2	1	Columbia	610	544	49	15	2
Balance of county	90	81	8	-	1	Balance of county	303	1	243	53	6
Perkins	144	124	20	-	-	Meigs	76	-	37	35	4
Potter	180	178	2	-	-	Monroe	711	422	214	72	3
Roberts	309	289	12	-	8	Montgomery	946	574	309	58	5
Samborn	1	-	1	-	-	Clarksville	717	572	120	25	-
Shannon	182	174	2	3	3	Balance of county	229	2	189	33	5
Spink	238	228	5	5	-	Moore	22	-	22	-	-
Stanley	-	-	-	-	-	Morgan	269	-	211	56	2
Sully	10	8	2	-	-	Obion	511	289	200	11	1
Todd	137	110	6	7	14	Overton	489	253	180	48	8
Tripp	205	197	4	3	4	Perry	66	2	58	4	2
Turner	86	78	8	-	-	Pickett	72	2	65	7	-
Union	9	-	9	-	-	Polk	435	315	105	13	2
Walworth	350	348	1	-	1	Putnam	912	705	154	48	7
Washabaugh	5	-	1	2	-	Rhea	345	154	134	54	23
Washington	-	-	-	-	-	Roane	1,217	1,040	130	45	2
Yankton	756	742	11	2	1	Robertson	624	379	227	15	3
Ziebach	22	8	5	6	3	Rutherford	1,054	948	65	36	7
						Scott	652	413	131	103	5
TENNESSEE	83,958	60,250	16,733	4,848	2,127	Sequatchie	121	3	106	12	-
Anderson	1,355	947	362	43	3	Sevier	584	421	87	58	38
Bedford	487	354	107	3	3	Shelby	13,814	11,450	750	192	1,422
Benton	197	116	46	35	-	Memphis	12,533	10,950	564	21	980
Bledsoe	268	115	124	24	5	Balance of county	1,281	500	166	171	424
Blount	1,372	1,196	137	27	12	Smith	129	-	124	4	1
Bradley	882	638	187	47	10	Stewart	132	-	120	10	2
Cleveland	745	637	72	29	7	Sullivan	2,210	1,830	310	51	19
Balance of county	137	1	115	18	3	Bristol ⁷	77	4	58	9	6
Campbell	1,257	735	459	60	3	Kingsport	1,861	1,823	33	-	5
Cannon	197	173	11	9	4	Balance of county	272	3	219	42	8
Carroll	540	330	194	16	-	Sumner	625	409	198	13	5
Cartter	1,078	851	155	63	7	Tipton	740	43	467	205	25
Cheatham	87	-	78	9	-	Trousdale	88	27	89	2	1
Chester	237	109	115	11	2	Unicoi	362	297	36	27	2
Claiborne	460	170	173	100	17	Union	103	7	60	28	8
Clay	201	-	188	36	7	Van Buren	57	8	32	17	-
Coccos	849	221	562	58	8	Warren	667	525	133	6	3
Coffee	582	455	86	20	8	Washington	1,553	1,212	308	32	1
Crockett	359	70	263	25	1	Johnson City	1,295	1,211	75	8	1
Cumberland	425	119	211	92	3	Balance of county	258	1	233	24	-
Davidson	8,085	7,670	278	20	97	Wayne	302	150	111	54	7
Meshville	7,228	6,954	183	5	85	Weakley	439	297	175	-	4
Balance of county	835	716	93	15	11	White	450	248	179	19	7
Decatur	181	71	94	10	6	Williamson	582	519	42	16	5
De Kalb	187	128	45	14	-	Wilson	873	738	110	13	12
Dickson	445	199	238	3	4						
Dyer	696	545	303	46	2	TEXAS	202,215	157,309	22,731	19,958	2,017
Dyersburg	633	543	71	19	-	Anderson	887	455	107	125	2
Balance of county	263	2	232	27	2	Palestine	528	451	50	27	-
Fayette	892	107	158	591	36	Balance of county	159	2	57	98	2
Fentress	350	224	41	82	3	Andrews	148	127	20	1	-
Franklin	714	626	38	42	8	Angelina	878	799	61	16	2
Gibson	1,270	941	300	13	15	Aransas	58	5	32	-	1
Giles	498	291	154	44	9	Archer	46	44	2	-	-
Grainger	185	2	157	25	1	Armstrong	1	-	-	1	-
Greene	1,168	971	132	57	8	Atascosa	521	190	234	85	12
Grundy	183	39	99	39	6	Austin	299	194	61	44	-
Hamblen	587	493	73	15	4	Bailey	155	154	-	-	1
Hamilton	6,164	5,431	559	133	41	Bandera	46	40	4	-	2
Chattanooga	5,703	5,339	247	89	28	Bastrop	449	258	102	84	5
Balance of county	461	92	312	44	13	Baylor	174	173	1	-	-
Hancock	194	18	64	87	25	Bee	625	338	148	128	11
Harrison	530	34	306	172	16	Bell	1,878	1,578	258	40	2
Hardin	338	3	198	30	19	Temple	635	687	115	33	-
Hawkins	545	214	270	58	3	Balance of county	1,043	891	143	7	2
Haywood	991	365	206	367	11	Bexar	15,299	11,386	1,004	2,777	132
Henderson	411	317	79	8	7	San Antonio	14,845	11,169	922	2,639	113
Henry	526	257	250	7	4	Balance of county	458	217	82	158	19
Hickman	215	105	79	25	6	Blanco	62	54	7	-	1
Houston	77	-	75	10	2	Borden	-	-	-	-	-
Humphreys	220	151	73	4	1	Boake	275	260	12	2	1
Jackson	244	2	194	45	3	Boone	1,050	597	166	272	15
Jefferson	542	424	111	5	2	Rowle	678	440	49	85	4
Johnson	276	206	47	21	2	Balance of county	472	157	117	167	11
Knox	5,683	5,165	657	53	8	Brazoria	1,052	960	22	66	4
Knoxville	5,473	5,159	296	13	6	Brazos	1,147	860	37	247	3
Balance of county	420	7	371	40	2	Bryan	1,052	858	28	147	1
Lake	413	69	293	49	2	Balance of county	115	4	9	100	2
Lauderdale	467	1	325	135	6	Brewster	278	151	96	17	14
Lawrence	768	385	361	20	2	Briscoe	72	65	7	-	-
LeFlore	341	291	41	8	1	Brooks	350	319	17	40	14
Lincoln	533	608	120	14	1	Brown	632	601	23	8	-
Loudon	561	541	209	10	1	Balance of county	626	600	16	8	-
McIntosh	976	825	134	15	2	Brownwood	626	600	16	8	-
McMurry	474	248	172	43	11	Balance of county	6	1	5	-	-
McCook	249	72	162	12	3	Burleson	178	1	74	90	13
						Burnet	226	192	29	2	3

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
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TEXAS—Continued											
Caldwell	567	275	222	44	26	Harrison	1,197	569	99	514	26
Calhoun	142	-	123	18	1	Marshall	773	568	41	155	9
Callahan	127	123	3	-	1	Balance of county	424	48	359	17	-
Cameron	5,247	1,568	1,244	2,267	168	Hartley	180	179	1	-	-
Brownsville	1,501	689	150	653	29	Haskell	305	295	3	-	-
Marlingen	1,046	800	196	44	6	Hays	391	391	3	7	1
Balance of county	2,700	79	918	1,570	133	Hempflill	89	86	98	45	10
Camp	360	281	10	58	3	Henderson	454	454	61	51	8
Carson	89	88	1	-	-	Hidalgo	7,271	1,951	2,435	2,532	353
Cass	629	386	75	159	9	McAllen	1,184	633	232	283	26
Castro	80	89	1	-	-	Balance of county	6,087	1,318	2,203	2,239	327
Chambers	83	47	30	16	-	Hill	485	291	132	37	5
Cherokee	923	659	157	96	11	Hockley	501	460	20	10	3
Childress	235	228	4	2	1	Hood	61	49	11	1	-
Clay	95	85	9	-	1	Hopkins	475	441	27	7	-
Cochran	121	115	2	1	3	Houston	491	301	72	108	10
Coke	34	23	11	-	-	Howard	815	768	18	20	7
Coleman	283	248	50	2	3	Big Spring	803	788	18	15	2
Collin	793	647	130	14	2	Balance of county	10	-	-	5	5
Collingsworth	209	198	11	-	-	Hudspeth	163	1	138	16	9
Colorado	384	263	21	84	6	Hunt	1,021	768	220	25	8
Comal	404	247	117	39	1	Greenville	681	542	122	13	4
Comanche	117	108	9	-	-	Balance of county	340	226	98	12	4
Concho	43	21	17	5	-	Hutchinson	972	964	7	-	1
Cooke	552	523	21	3	5	Berger	862	876	5	-	1
Coryell	278	271	5	1	1	Balance of county	90	88	2	-	-
Cottle	172	148	21	3	-	Trion	14	-	12	-	2
Crane	109	104	4	1	-	Jack	116	109	7	-	-
Crockett	55	3	44	8	-	Jackson	195	20	148	25	2
Crosby	313	279	31	3	1	Jasper	511	314	142	52	3
Culberson	40	1	35	4	-	Jeff Davis	48	1	45	1	1
Dallas	15,179	14,439	682	47	12	Jefferson	5,454	4,941	247	241	25
Dallas	14,731	14,290	404	28	9	Beaumont	2,982	2,718	101	159	4
Highland Park	-	-	-	-	-	Port Arthur	2,302	2,154	76	55	17
University Park	-	-	-	-	-	Balance of county	170	69	70	27	4
Balance of county	448	168	278	19	3	Jim Hogg	123	-	45	75	3
Dawson	720	594	63	55	8	Jim Wells	918	581	257	77	3
Deaf Smith	254	224	27	2	1	Johnson	851	586	60	4	1
Delta	91	67	22	2	-	Cleburne	858	531	22	3	-
Denton	721	631	85	1	4	Balance of county	95	55	38	1	1
Denton	559	524	14	1	-	Jones	434	397	24	8	5
Balance of county	182	107	71	-	4	Karnes	472	184	222	59	7
De Witt	499	296	101	93	8	Kaufman	702	494	130	75	5
Dickens	101	65	30	6	-	Terrell	401	339	33	24	-
Dimmit	286	29	198	62	7	Balance of county	301	155	92	49	5
Donley	56	39	9	8	-	Kendall	46	21	16	7	2
Duval	376	63	181	127	5	Kenedy	9	-	2	4	3
Eastland	821	794	27	-	-	Kent	17	11	5	1	-
Ector	1,204	1,065	121	17	1	Kerr	323	241	78	4	-
Edwards	50	7	33	7	3	Kimble	43	-	41	2	-
Ellis	858	894	117	38	7	King	1	-	1	-	-
El Paso	7,588	6,456	476	577	79	Kinney	45	-	36	9	-
El Paso	6,285	5,642	135	459	29	Kleberg	785	626	128	27	4
Balance of county	1,323	814	341	118	50	Knox	326	266	38	20	2
Erath	368	352	13	-	1	Lamar	1,261	909	265	82	5
Falls	645	414	61	157	13	Paris	925	758	149	17	1
Farmers	584	501	99	18	6	Balance of county	336	151	116	65	4
Fayette	404	290	50	56	8	Lamb	761	705	18	38	2
Fisher	251	245	2	5	1	Lampasas	206	163	42	-	1
Floyd	175	167	6	2	-	La Salle	206	88	56	53	9
Four	81	75	2	4	-	Lavaca	649	559	56	27	7
Fort Bend	666	391	166	90	19	Lee	125	74	20	28	3
Franklin	72	56	13	3	-	Leon	157	-	57	96	4
Freestone	329	164	61	102	2	Liberty	899	820	29	48	2
Frio	358	129	83	139	8	Limestone	492	239	168	75	10
Gaines	316	309	5	1	1	Lipscomb	67	64	3	-	-
Galveston	3,128	3,035	92	-	1	Live Oak	179	75	76	27	1
Galveston	2,560	2,490	70	-	-	Llano	68	57	6	5	-
Balance of county	568	545	22	-	1	Loving	-	-	-	-	-
Garza	76	64	11	1	-	Labbock	3,081	2,537	473	65	16
Gillespie	357	344	6	7	-	Labbock	2,628	2,315	308	5	-
Glasscock	-	-	-	-	-	Balance of county	453	222	165	60	16
Goliad	116	3	81	18	14	Lynn	207	164	18	18	7
Gonzales	487	194	222	53	18	McCulloch	345	327	11	3	4
Gray	715	699	15	-	-	McLennan	3,027	2,610	190	216	11
Pampa	669	677	11	-	1	Waco	2,710	2,542	78	86	4
Balance of county	26	22	4	-	-	Balance of county	317	60	112	130	7
Graysmith	1,639	1,517	93	25	4	McMillen	8	-	3	4	1
Demison	861	540	11	11	1	Madison	135	62	30	41	2
Sherman	805	774	21	10	3	Merion	220	93	70	50	7
Balance of county	273	206	62	4	-	Martin	145	62	4	3	76
Gregg	1,733	1,580	36	99	8	Mason	66	32	32	1	1
Longview	985	927	17	33	8	Matagorda	745	542	134	64	5
Balance of county	748	653	19	66	2	Maverick	428	115	115	173	25
Grisep	425	297	28	100	2	Medina	509	290	123	69	7
Groesbeek	647	297	295	56	11	Menard	64	15	41	8	-
Hale	698	548	99	17	4	Midland	574	539	10	20	5
Hall	346	305	32	9	-	Milam	462	296	111	63	2
Hamilton	139	131	8	-	-	Mills	33	31	2	-	-
Hansford	270	25	-	1	-	Mitchell	395	366	15	6	8
Hartman	270	262	7	1	-	Montague	325	301	23	1	-
Hardin	506	369	113	15	9	Montgomery	591	444	55	87	5
Harris	20,827	19,826	410	580	31	Moore	368	359	9	-	-
Houston	18,511	17,772	260	453	26	Morris	158	91	25	31	11
Balance of county	2,316	2,054	150	107	5	Motley	185	178	7	-	-
						Nacogdoches	600	617	118	61	4

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949.—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—								
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified					
VIRGINIA ² —Continued					VIRGINIA ² —Continued Independent Cities ^{1,3} —Con.											
Campbell	347	132	148	66	1	Harrisonburg	1,233	1,228	4	-	-	1				
Caroline	254	1	168	87	-	Hopewell	315	289	7	-	19	-				
Carroll	369	-	331	29	8	Lynchburg	2,124	2,086	52	5	-	1				
Charles City	115	-	80	34	1	Martinsville	853	768	104	21	-	-				
Charlotte	221	-	78	147	1	Newport News	2,689	2,548	26	82	1	1				
Chertsexfield	170	-	28	137	4	Norfolk	5,760	4,915	315	532	2	2				
Clarke	41	-	40	1	-	Portsmouth	1,110	1,071	31	307	1	1				
Craig	33	-	28	3	1	Radford	2,364	1,688	124	560	1	1				
Culpeper	162	-	141	21	-	Richmond	711	708	1	2	-	-				
Cumberland	144	-	25	118	1	Roseoke	8,761	8,541	174	99	7	1				
Dickenson	696	277	319	94	6	South Norfolk	3,821	3,462	59	-	-	1				
Dimwiddle	289	2	87	197	3	Staunton	64	2	10	52	-	-				
Elizabeth City	326	237	35	54	-	Suffolk	666	642	31	15	-	-				
Essex	93	-	73	20	-	Williamsburg	428	428	26	100	-	-				
Fairfax	918	801	78	35	3	Winchester	228	215	4	9	-	-				
Fauquier	515	372	90	51	2		1,207	1,205	2	-	-	-				
Floyd	106	-	83	21	2	WASHINGTON					57,581	57,008	469	19	-	65
Fluvanna	71	-	32	39	-	Adams	102	102	-	-	-	-				
Franklin	451	133	225	68	5	Acotia	138	138	-	-	-	1				
Frederick	17	-	7	10	-	Benton	1,174	1,174	5	-	-	-				
Giles	456	267	174	10	6	Chelan	1,315	1,301	13	-	-	1				
Gloucester	119	-	111	6	2	Wenatchee	991	990	1	-	-	-				
Goochland	141	2	40	98	1	Balance of county	324	311	12	-	-	1				
Graydon	374	96	247	24	7	Chatham	642	639	2	-	-	-				
Greene	32	-	25	4	3	Clark	2,242	2,227	13	-	-	2				
Greenville	567	11	171	185	-	Vancouver	1,965	1,963	2	-	-	-				
Hallfax	1,135	536	299	299	1	Balance of county	277	264	11	-	-	2				
Hanover	203	-	127	74	2	Columbin	104	104	-	-	-	-				
Henrico	104	20	31	52	1	Cowlitz	1,601	1,597	3	-	-	1				
Henry	444	2	264	177	1	Longview	1,582	1,582	-	-	-	-				
Highland	56	-	56	-	-	Balance of county	19	15	3	-	-	1				
Ide of Wight	250	-	47	203	-	Douglas	8	6	2	-	-	-				
James City	68	-	2	65	1	Ferry	47	45	1	-	-	1				
King and Queen	86	-	58	27	1	Franklin	848	847	-	-	-	1				
King George	60	5	42	11	2	Garfield	71	71	-	-	-	-				
King William	88	-	52	36	-	Grant	339	332	7	-	-	-				
Lancaster	146	-	133	12	1	Grays Harbor	1,268	1,257	5	4	2	2				
Lee	652	184	575	80	13	Aberdeen	1,137	1,134	3	-	-	-				
Loudoun	470	377	75	13	5	Boquian	1	-	-	1	-	-				
Louisa	258	135	44	78	1	Balance of county	150	123	2	3	2	2				
Lunenburg	249	-	98	151	-	Talad	285	282	3	-	-	-				
Madison	52	-	50	-	2	Jefferson	326	323	1	1	1	1				
Mathews	47	-	47	-	-	King	17,389	17,277	95	1	16	16				
Mecklenburg	653	23	211	419	-	Seattle	14,843	14,768	48	1	11	11				
Middlesex	58	-	9	49	-	Balance of county	2,546	2,494	47	-	-	5				
Montgomery	523	456	50	17	1	Kitap	1,870	1,860	9	-	-	1				
Nansemond	362	2	67	292	1	Bremerton	1,833	1,832	1	-	-	-				
Nelson	103	-	19	73	11	Balance of county	37	28	8	-	-	1				
New Kent	42	-	10	32	-	Kittitas	545	538	6	-	-	1				
Norfolk	2,722	2,299	54	367	2	Klickitat	223	222	1	-	-	-				
Northampton	706	418	21	266	1	Lewis	1,054	1,048	5	1	-	-				
Northumberland	131	1	77	53	-	Lincoln	70	51	19	-	-	-				
Nottoway	209	3	81	124	1	Mason	318	317	1	-	-	-				
Orange	202	148	39	12	3	Obanogen	893	864	25	3	1	1				
Page	288	165	105	14	4	Pacific	309	271	38	-	-	-				
Patrick	442	186	214	40	2	Pend Oreille	209	209	-	-	-	1				
Pittsylvania	898	10	401	489	8	Pierce	6,581	6,537	37	1	8	8				
Powhatan	72	-	18	54	-	Tacoma	4,625	4,604	17	-	-	4				
Prince Edward	628	456	30	142	2	Balance of county	1,956	1,933	20	1	2	2				
Prince George	590	450	27	111	1	San Jun	9	6	3	-	-	-				
Prince William	537	394	58	94	1	Skagit	937	931	5	-	-	1				
Princess Anne	476	210	68	198	-	Skamania	1	-	1	-	-	-				
Pulaski	572	469	43	58	4	Spokane	2,148	2,096	48	1	3	3				
Rappahannock	48	1	46	1	-	Everett	1,702	1,702	-	-	-	-				
Richmond	112	-	99	13	-	Balance of county	443	391	48	1	3	3				
Roanoke	113	45	44	21	3	Spokane	6,016	5,972	54	2	8	8				
Rockbridge	631	471	132	23	5	Balance of county	5,974	5,947	20	1	6	6				
Rockingham	157	1	153	1	2	Stevens	406	398	6	-	-	2				
Russell	715	236	415	47	17	Thurston	953	912	40	1	-	-				
Scott	249	-	93	145	11	Olympia	929	912	17	-	-	-				
Shenandoah	363	320	49	14	-	Balance of county	24	-	23	1	-	-				
Smyth	628	516	297	12	3	Wahkiakum	-	-	-	-	-	-				
Southampton	729	261	81	386	1	Walla Walla	1,182	1,187	4	-	-	1				
Spotsylvania	47	-	12	35	-	Walla Walla	1,191	1,187	3	-	-	1				
Stafford	49	2	16	30	1	Balance of county	1	-	1	-	-	-				
Surry	123	-	11	111	1	Whatcom	1,639	1,633	6	-	-	-				
Sussex	247	-	43	204	-	Bellingham	1,545	1,543	2	-	-	-				
Tazewell	1,578	855	710	10	5	Balance of county	94	90	4	-	-	-				
Warren	397	353	39	3	2	Whitman	590	580	9	-	-	1				
Warwick	408	225	38	145	-	Yakima	3,715	3,658	42	4	11	11				
Washington	755	259	412	75	9	Balance of county	2,369	2,365	4	-	-	-				
Westmoreland	186	-	71	115	-	WEST VIRGINIA	53,153	34,411	17,121	1,243	578	578				
Wise	1,711	712	922	66	11	Barbour	423	247	126	19	31	31				
Wythe	632	380	251	1	-	Berkeley	841	816	16	8	1	1				
York	72	2	10	59	1	Martinsburg	827	816	6	5	-	-				
Independent Cities ^{1,1}																
Alexandria	1,911	1,874	7	30	-	Balance of county	14	-	10	3	1	1				
Bristol ^{1,2}	1,251	1,189	61	1	-	Boone	851	548	289	11	3	3				
Buena Vista	39	-	23	16	-	Breaston	656	534	90	23	9	9				
Charlottesville	443	431	12	-	-	Brooke	86	57	29	-	-	-				
Clifton Forge	370	355	14	1	-											
Denver	1,784	1,594	14	176	-											
Fredericksburg	771	746	4	21	-											
Hampton	784	772	3	9	-											

See footnotes on p. 97.

VITAL STATISTICS OF THE UNITED STATES

TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—				
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified	
WEST VIRGINIA—Con.					WISCONSIN—Continued							
Cabell	3,584	3,514	65	4	1	Dane	4,544	4,312	31	-	1	
Huntington (part)	3,093	3,071	19	2	1	Madison	4,053	4,045	8	-	-	
Huntington (total)	3,094	3,071	20	2	1	Balance of county	291	287	23	-	1	
Balance of county	291	243	46	2	2	Dodge	1,103	1,080	22	-	1	
Calhoun	181	19	149	11	3	Beaver Dam	945	944	1	-	-	
Clay	286	-	221	56	9	Watertown (part)	-	-	21	-	-	
Doddridge	102	1	99	1	1	Balance of county	158	158	45	-	1	
Fayette	2,455	685	1,722	35	15	Door	458	408	45	-	5	
Gilmer	156	-	156	2	2	Douglas	1,019	997	20	-	2	
Grant	278	209	55	5	3	Superior	1,006	997	9	-	2	
Greenbrier	935	238	692	9	6	Balance of county	13	-	11	-	2	
Hampshire	132	1	124	4	3	Dunn	445	404	40	1	-	
Hancock	192	117	72	1	2	Rau Claire	1,702	1,696	3	1	2	
Hardy	101	1	96	3	1	Rau Claire	1,697	1,696	1	-	2	
Harrison	2,231	1,859	367	3	2	Balance of county	5	-	1	1	2	
Clarksburg	1,903	1,859	45	3	1	Florence	1	-	44	-	1	
Balance of county	328	-	324	3	1	Fond du Lac	1,932	1,897	4	-	1	
Jackson	248	43	186	11	6	Fond du Lac	1,666	1,658	8	-	-	
Jefferson	262	192	53	16	1	Balance of county	229	229	36	-	1	
Kanawha	7,237	6,170	979	62	26	Forest	234	159	69	4	2	
Charleston	4,871	4,877	67	1	6	Grant	990	892	107	-	1	
South Charleston	1,090	1,072	17	1	1	Green	796	784	11	-	1	
Balance of county	1,176	221	875	61	19	Green Lake	326	311	14	-	1	
Lewis	450	324	122	1	3	Iowa	616	608	8	-	-	
Lincoln	593	460	72	58	3	Iron	17	1	16	-	-	
Logan	2,477	952	1,462	43	20	Jackson	305	300	5	-	-	
McDowell	5,129	990	2,047	84	18	Jefferson	1,197	1,168	29	-	-	
Marion	1,762	1,412	350	-	-	Watertown (part)	829	828	1	-	-	
Balance of county	1,443	1,410	33	-	-	Watertown (total)	829	828	1	-	-	
Marshall	579	514	62	-	3	Balance of county	368	340	28	-	-	
Moundsville	7	-	6	-	1	Juneau	358	282	73	2	1	
Balance of county	572	514	56	-	2	Kenosha	1,656	1,647	9	-	-	
Mason	520	248	281	11	2	Kenosha	1,649	1,647	2	-	-	
Mercer	2,603	1,863	710	19	11	Balance of county	7	-	55	-	1	
Bluefield ^{1,3}	1,483	1,343	139	-	2	Kewaunee	404	348	55	-	-	
Balance of county	1,120	520	572	19	9	La Crosse	2,342	2,320	22	-	-	
Mineral	618	483	81	47	7	La Crosse	2,329	2,319	10	-	-	
Mingo	1,875	688	849	122	16	Balance of county	15	1	12	-	-	
Monongalia	1,708	1,564	112	29	3	Lafayette	84	42	22	-	-	
Morgantown	615	600	11	4	-	Langlade	650	650	16	1	3	
Balance of county	1,093	964	101	25	3	Lincoln	647	640	7	-	-	
Monroe	172	-	169	4	-	Manitowoc	1,516	1,497	19	-	-	
Morgan	259	197	39	20	3	Manitowoc	1,110	1,104	6	-	-	
Nicholas	844	544	276	20	4	Two Rivers	396	393	3	-	-	
Ohio	2,793	2,762	22	-	9	Balance of county	10	-	10	-	-	
Wheeling	2,781	2,762	11	-	8	Marathon	1,617	1,692	120	3	2	
Balance of county	12	-	11	-	1	Maunou	1,692	1,690	2	-	-	
Pendleton	105	2	93	4	6	Balance of county	125	2	118	3	2	
Pleasants	67	-	67	-	2	Marinette	731	714	17	-	-	
Pocahontas	304	219	63	-	2	Marinette	686	685	1	-	-	
Preston	388	2	293	71	22	Balance of county	45	29	16	-	-	
Putnam	221	11	169	18	24	Marquette	9	1	8	-	-	
Raleigh	2,632	1,155	1,610	59	8	Milwaukee	20,755	20,446	294	9	6	
Beckley	1,152	94	94	3	1	Milwaukee	19,613	19,366	254	9	4	
Balance of county	1,582	3	1,516	56	7	Wausatona	160	178	2	-	-	
Randolph	875	701	137	20	17	West Allis	15	-	15	-	-	
Ritchie	171	41	129	1	-	Cudahy	4	-	4	-	-	
Roane	370	169	171	22	8	Shorewood	1	-	1	-	-	
Summers	523	186	326	8	3	South Milwaukee	278	272	6	-	-	
Taylor	441	308	117	14	2	Balance of county	664	630	32	-	2	
Tucker	211	140	37	30	4	Monroe	731	705	25	-	1	
Tyler	149	78	70	-	1	Oconto	484	460	22	-	2	
Upshur	673	523	124	15	11	Oneida	526	513	11	1	1	
Wayne	688	280	353	48	9	Outagamie	2,550	2,502	47	-	1	
Huntington (part)	1	-	1	-	-	Appleton	2,039	2,034	5	-	-	
Balance of county	687	280	352	46	9	Balance of county	511	466	42	-	1	
Webster	241	1	175	57	8	Ozaukee	566	562	4	-	-	
Wetzel	562	403	154	2	3	Pepin	201	199	2	-	-	
Wirt	71	38	16	15	2	Pierce	428	398	29	-	1	
Wood	2,140	2,044	60	9	7	Polk	705	676	24	1	2	
Parkersburg	2,086	2,044	39	1	2	Portage	654	629	22	-	3	
Balance of county	54	-	41	8	5	Stevens Point	832	828	3	-	1	
Wyoming	926	72	778	60	16	Balance of county	22	1	19	-	2	
WISCONSIN					92,442	90,010	2,324	50	58			
Adams	72	50	21	-	1	Pricing	588	371	17	-	-	
Ashland	669	629	35	4	1	Racine	2,733	2,723	9	-	1	
Ashland	634	628	6	-	-	Balance of county	2,311	2,309	1	-	1	
Balance of county	35	1	29	4	1	Racine	422	414	8	-	-	
Barron	977	948	28	-	1	Richland	693	656	37	-	-	
Bayfield	73	69	2	2	-	Rock	2,290	2,259	31	-	-	
Brown	3,351	3,317	33	-	1	Beloit	1,125	1,119	6	-	-	
Green Bay	3,326	3,317	9	-	-	Jamesville	901	897	4	-	-	
Balance of county	25	-	24	-	1	Balance of county	264	243	21	-	-	
Buffalo	168	162	5	-	1	Rusk	480	471	8	-	1	
Burnett	200	179	21	-	-	St. Croix	457	432	25	-	-	
Calumet	16	-	16	-	-	Sauk	969	959	19	-	-	
Chippewa	1,290	1,237	51	1	1	Sawyer	177	119	44	14	-	
Chippewa Falls	906	902	4	-	-	Shavano	668	635	30	1	2	
Balance of county	584	335	47	1	1	Sheboygan	2,088	2,071	17	-	-	
Clark	304	195	109	-	1	Sheboygan	1,854	1,851	3	-	-	
Columbia	925	908	16	-	1	Balance of county	234	220	14	-	-	
Crawford	455	404	50	-	1	Taylor	390	312	78	-	-	
						Trempealeau	451	441	10	-	-	
						Vernon	568	531	57	-	-	
						Vilas	92	68	19	3	2	
						Walworth	747	734	12	-	1	

See footnotes on p. 97.

GENERAL TABLES—LIVE BIRTHS

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TABLE 3.—LIVE BIRTHS BY PERSON IN ATTENDANCE: UNITED STATES, EACH STATE AND COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued

(By place of occurrence)

AREA	Total	BIRTHS ATTENDED BY—				AREA	Total	BIRTHS ATTENDED BY—			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified			Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified
WISCONSIN—Continued						WYOMING—Continued					
Washburn	291	254	35	1	1	Crook	55	52	2	-	1
Washington	929	805	21	-	2	Fremont	517	459	47	8	4
Waubeeka	1,322	1,282	40	-	-	Goshen	259	255	4	-	-
Waubeeka	1,147	1,146	1	-	-	Hot Springs	214	214	-	-	-
Balance of county	175	136	39	-	-	Johnson	96	95	3	-	-
Waupaca	584	571	13	-	-	Laramie	1,242	1,206	35	-	1
Wauchara	128	100	28	-	-	Cheyenne	935	915	20	-	-
Winnebago	2,116	2,086	30	-	-	Balance of county	309	293	15	-	1
Oshkosh	1,295	1,282	13	-	-	Lincoln	322	321	1	-	-
Manasha	3	-	3	-	-	Natrona	845	842	-	-	1
Neenah	804	802	2	-	-	Casper	845	842	-	-	1
Balance of county	14	2	12	-	-	Balance of county	-	-	-	-	-
Wood	2,018	1,972	45	1	-	Niobrara	119	117	2	-	-
Marshfield	1,094	1,085	9	-	-	Park	504	493	9	-	2
Wisconsin Rapids	889	886	3	-	-	Platte	177	160	16	1	-
Balance of county	35	1	33	1	-	Sheridan	504	501	3	-	-
WYOMING						Wyoming					
Albany	540	539	-	-	1	Sheridan	505	500	5	-	-
Laramie	539	539	-	-	-	Balance of county	1	1	-	-	-
Balance of county	1	-	-	-	1	Sublette	1	1	-	-	-
Big Horn	261	266	12	-	1	Sweetwater	559	527	31	1	-
Campbell	152	152	-	-	-	Teton	82	92	-	-	-
Carbon	330	325	5	2	-	Uinta	122	79	45	-	-
Converse	127	126	1	-	-	Washakie	241	216	25	2	-
						Weston	58	56	2	-	-
						Yellowstone Nat. Park (part)	5	5	-	-	-
						Yellowstone Nat. Park (total)	5	5	-	-	-

¹It is assumed that all births in hospitals or institutions are attended by physicians.

²Includes data for Texarkana, Ark., only.

³Since this area is difficult to identify from the information given on the birth transcripts, data may be understated or overstated.

⁴Figures for District 1511, Center Hill, are included in those for Atlanta.

⁵This county was established by the New Mexico Legislature, effective June 10, 1949.

⁶Comprising Bronx, Kings, New York, Queens, and Richmond Counties, treated as a unit.

⁷Includes data for Bristol, Tenn., only.

⁸Includes data for Texarkana, Tex., only.

⁹Cities of Virginia are independent, each having the same status as a county. See List of independent cities following counties of the State.

¹⁰Classified as urban under a special rule in the 1940 census.

¹¹Those having populations of 10,000 or more include: Alexandria, Charlottesville, Danville, Fredericksburg, Lynchburg, Martinsville, Newport News, Norfolk, Petersburg, Portsmouth, Richmond, Roanoke, Staunton, Suffolk, and Winchester.

¹²Includes data for Bristol, Va., only.

¹³Includes data for Bluefield, W. Va., only.

NOTE.—Certain cities listed in this table are located in more than one county. In these cases figures for the county include only the figures for that part of the city in the county. Total figures for each of these cities are shown under the county containing the larger proportion of the city's population. Totals for Amarillo, Tex., are shown under Potter County; Atlanta, Ga., under Fulton County; Bethlehem, Pa., under Northampton County; Centralia, Ill., under Marion County; Elgin, Ill., under Kane County; Ellwood City, Pa., under Lawrence County; Fostoria, Ohio, under Seneca County; Huntington, W. Va., under Cabell County; Joplin, Mo., under Jasper County; Rocky Mount, N. C., under Nash County; St. Cloud, Minn., under Stearns County; Watertown, Wis., under Jefferson County; and Youngstown, Ohio, under Mahoning County. Likewise, total figures for Yellowstone National Park are shown under Wyoming.

VITAL STATISTICS OF THE UNITED STATES

TABLE 4.—DEATHS BY MONTH: UNITED STATES AND EACH STATE, 1949

(By place of occurrence. Exclusive of fetal deaths and of deaths among armed forces overseas)

AREA	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
UNITED STATES-----	1,443,607	130,586	117,537	130,340	121,715	119,808	115,601	118,012	112,874	109,956	117,852	119,867	128,361
Alabama-----	26,481	2,299	2,114	2,510	2,235	2,135	2,104	2,172	2,062	1,978	2,154	2,281	2,437
Arizona-----	6,872	670	605	608	590	544	510	576	500	491	557	587	648
Arkansas-----	15,548	1,514	1,315	1,502	1,274	1,285	1,268	1,275	1,124	1,176	1,235	1,304	1,290
California-----	100,361	9,693	8,514	9,923	8,213	8,142	7,806	7,891	7,868	7,615	8,549	8,098	9,149
Colorado-----	12,716	1,152	1,074	1,122	1,059	1,032	1,014	952	1,057	1,046	1,073	1,048	1,080
Connecticut-----	18,635	1,611	1,567	1,749	1,561	1,598	1,517	1,525	1,563	1,456	1,471	1,560	1,617
Delaware-----	3,387	271	269	287	288	277	286	277	283	221	263	279	311
District of Columbia-----	6,682	771	679	791	698	688	705	799	679	601	781	792	749
Florida-----	26,651	2,658	2,305	2,552	2,157	2,186	1,958	2,074	1,976	1,845	2,044	2,340	2,556
Georgia-----	29,704	2,602	2,273	2,673	2,437	2,564	2,325	2,550	2,568	2,205	2,451	2,651	2,907
Idaho-----	4,872	404	369	348	372	390	359	366	373	374	435	362	422
Illinois-----	91,029	8,049	7,319	8,512	7,714	7,560	7,294	7,580	6,807	6,969	7,436	7,742	8,049
Indiana-----	39,699	3,596	3,233	3,607	3,370	3,359	3,044	3,448	3,163	3,130	3,191	3,290	3,478
Iowa-----	26,508	2,584	2,240	2,426	2,187	2,176	2,106	2,136	1,948	2,138	2,065	2,170	2,352
Kansas-----	18,940	1,720	1,484	1,845	1,585	1,575	1,565	1,617	1,457	1,533	1,581	1,480	1,688
Kentucky-----	27,764	2,531	2,295	2,481	2,250	2,270	2,167	2,379	2,508	2,165	2,197	2,274	2,449
Louisiana-----	23,563	2,106	1,948	1,906	1,835	1,835	1,875	1,892	1,955	1,761	1,899	2,069	2,105
Maine-----	10,054	870	839	896	856	812	811	798	817	797	818	841	908
Maryland-----	22,668	2,068	1,825	1,979	1,901	1,896	1,855	2,004	1,844	1,569	1,818	1,902	2,017
Massachusetts-----	50,989	4,527	4,175	4,915	4,332	4,598	3,925	4,039	3,917	3,789	4,199	4,276	4,497
Michigan-----	57,150	5,071	4,581	5,272	4,851	4,771	4,609	4,799	4,457	4,426	4,730	4,655	4,932
Minnesota-----	28,220	2,455	2,193	2,417	2,480	2,361	2,412	2,547	2,205	2,253	2,366	2,205	2,528
Mississippi-----	20,522	1,847	1,751	1,835	1,673	1,629	1,696	1,685	1,677	1,504	1,681	1,739	1,825
Missouri-----	44,007	4,091	3,658	3,905	3,696	3,596	3,374	3,658	3,499	3,420	3,581	3,645	3,874
Montana-----	5,467	525	450	472	503	503	496	496	486	420	520	455	545
Nebraska-----	12,507	1,180	997	1,063	993	1,044	1,069	1,078	993	1,003	1,016	1,010	1,064
Nevada-----	1,656	152	135	127	149	121	118	137	142	135	142	131	167
New Hampshire-----	6,092	530	497	543	520	476	498	477	503	478	508	478	585
New Jersey-----	46,854	4,161	3,808	4,145	3,661	3,652	3,774	3,916	3,650	3,617	3,896	3,899	4,306
New Mexico-----	5,724	522	465	466	435	459	462	430	527	475	539	450	465
New York-----	154,926	13,729	12,141	14,009	13,363	12,962	12,607	12,407	12,007	11,710	12,926	12,979	13,867
North Carolina-----	31,085	2,702	2,485	2,741	2,564	2,512	2,612	2,705	2,459	2,392	2,524	2,686	2,925
North Dakota-----	5,148	434	383	397	453	455	424	444	447	428	425	428	450
Ohio-----	80,188	7,204	6,516	7,480	6,952	6,792	6,392	6,469	6,183	6,187	6,508	6,460	7,045
Oklahoma-----	18,854	1,797	1,558	1,674	1,584	1,481	1,483	1,628	1,503	1,389	1,534	1,482	1,731
Oregon-----	13,949	1,312	1,193	1,209	1,181	1,210	1,118	1,169	1,106	1,065	1,173	1,081	1,140
Pennsylvania-----	107,840	9,780	8,794	9,828	9,333	9,118	8,733	8,725	8,300	8,172	8,525	8,905	9,627
Rhode Island-----	7,997	694	703	723	727	667	611	646	624	591	600	688	753
South Carolina-----	17,400	1,531	1,407	1,623	1,395	1,449	1,394	1,555	1,396	1,323	1,323	1,527	1,477
South Dakota-----	5,674	544	467	482	482	511	442	458	445	466	489	458	510
Tennessee-----	29,955	2,570	2,419	2,687	2,510	2,480	2,334	2,629	2,395	2,306	2,373	2,624	2,628
Texas-----	63,348	5,959	5,374	5,566	5,279	5,315	5,232	5,345	4,981	4,596	5,011	5,215	5,477
Utah-----	5,022	481	383	396	451	398	386	458	427	353	443	433	413
Vermont-----	4,154	377	327	396	353	380	348	307	322	319	325	357	343
Virginia-----	29,262	2,598	2,302	2,632	2,391	2,302	2,421	2,488	2,404	2,166	2,364	2,496	2,698
Washington-----	22,560	2,165	1,873	2,046	1,958	1,901	1,703	1,857	1,730	1,734	1,903	1,731	1,981
West Virginia-----	17,431	1,594	1,467	1,574	1,447	1,381	1,517	1,359	1,402	1,405	1,390	1,423	1,472
Wisconsin-----	32,997	2,893	2,655	2,880	2,952	2,821	2,683	2,774	2,569	2,502	2,586	2,712	2,880
Wyoming-----	2,405	213	183	210	196	220	218	209	190	177	209	185	186

GENERAL TABLES—MARRIAGES

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TABLE 5.—DEATHS BY MARITAL STATUS, AGE, RACE, AND SEX: UNITED STATES, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas)

AGE AND RACE	BOTH SEXES						MALE						FEMALE					
	Total	Single	Married	Widowed	Di- vorced	Not stated	Total	Single	Married	Widowed	Di- vorced	Not stated	Total	Single	Married	Widowed	Di- vorced	Not stated
ALL RACES----	1,445,607	307,628	655,031	426,266	39,796	15,696	621,291	186,457	456,900	156,541	26,952	12,541	622,316	119,171	218,231	269,725	11,834	5,355
Under 15 years-----	145,935	145,805	84	31	5	12	84,086	83,999	43	12	3	9	61,869	61,806	41	19	-	3
15-19 years-----	11,989	10,537	1,262	25	30	134	7,694	7,315	270	7	5	97	4,294	3,222	992	18	25	37
20-24 years-----	17,485	9,810	6,954	150	374	227	11,109	7,560	3,310	53	193	173	6,386	2,430	3,624	97	181	54
25-34 years-----	43,303	11,194	28,856	970	2,129	654	25,187	7,993	15,125	335	1,256	498	18,116	3,201	13,231	635	85	156
35-44 years-----	76,401	12,573	55,894	3,614	4,926	1,194	46,297	8,862	32,124	1,219	2,162	910	32,104	5,691	23,770	2,595	1,764	294
45-54 years-----	150,210	18,366	105,956	15,621	8,073	2,194	93,373	13,530	66,991	5,396	5,654	1,802	56,837	4,836	38,965	10,225	2,419	392
55-59 years-----	115,445	12,357	77,344	17,474	4,737	1,533	72,042	9,048	51,742	6,506	3,447	1,299	41,403	3,509	25,602	10,368	1,290	234
60-64 years-----	139,949	14,934	88,128	29,960	4,878	2,049	87,527	10,776	60,033	11,430	3,565	1,723	52,422	4,158	28,095	18,530	1,313	326
65-69 years-----	162,325	16,625	91,800	47,132	4,602	2,166	96,300	11,223	62,355	17,572	3,372	1,778	66,025	5,402	29,445	29,580	1,250	398
70-74 years-----	171,867	17,109	82,246	66,900	3,732	1,890	95,763	10,243	55,898	24,548	2,627	1,447	76,104	6,866	25,348	42,352	1,105	433
75-79 years-----	166,768	16,673	63,392	82,381	2,808	1,514	86,383	8,904	46,009	30,333	1,998	1,139	78,385	7,769	17,393	52,048	810	375
80-84 years-----	128,853	12,038	35,621	78,417	1,637	1,140	63,806	5,539	27,309	29,007	1,140	811	65,047	6,499	8,332	49,410	497	329
85 and over-----	111,580	9,388	17,523	82,961	626	894	46,802	3,486	14,254	29,958	526	578	62,778	5,900	3,269	53,003	300	306
Not stated-----	1,488	221	491	430	31	315	942	139	337	165	24	277	545	82	154	265	7	38
WHITES-----	1,268,848	260,217	582,089	379,818	34,548	12,076	726,169	159,627	392,203	140,057	24,464	9,816	542,679	100,590	169,866	239,861	10,064	2,256
Under 15 years-----	117,014	116,921	59	20	2	12	67,870	67,815	33	11	2	9	49,144	49,106	26	9	-	3
15-19 years-----	9,301	8,319	856	14	23	89	6,223	5,958	189	3	4	69	3,078	2,361	667	11	19	20
20-24 years-----	13,158	7,650	4,995	73	292	148	8,805	5,974	2,512	27	170	122	4,353	1,676	2,485	46	122	26
25-34 years-----	32,208	8,500	21,384	475	1,683	366	19,366	6,035	11,817	181	1,030	303	12,842	2,265	9,567	294	653	63
35-44 years-----	60,288	9,780	42,832	1,908	4,038	710	36,951	6,986	25,992	693	2,704	576	23,317	2,794	17,840	1,215	1,334	134
45-54 years-----	121,752	15,402	88,675	9,280	6,953	1,442	77,636	11,321	56,817	3,424	5,014	1,260	43,916	4,081	31,858	5,856	1,939	182
55-59 years-----	97,870	11,094	68,682	12,675	4,246	1,173	63,189	8,097	46,091	4,859	3,117	1,025	34,681	2,997	22,591	7,816	1,129	148
60-64 years-----	124,698	13,828	80,648	24,109	4,467	1,646	79,138	9,983	54,990	9,435	3,297	1,433	45,560	3,845	25,658	14,674	1,170	213
65-69 years-----	146,497	15,502	84,716	40,278	4,282	1,719	87,509	10,425	57,408	15,076	3,154	1,446	58,988	5,077	27,308	25,202	1,128	275
70-74 years-----	159,340	16,351	77,444	60,440	3,521	1,584	88,893	9,724	53,380	22,098	2,483	1,228	70,447	6,627	24,084	38,342	1,038	356
75-79 years-----	157,337	16,115	60,122	77,175	2,649	1,276	83,114	8,547	43,464	28,260	1,874	969	74,223	7,568	16,658	48,815	775	307
80-84 years-----	122,796	11,712	33,964	74,593	1,572	955	60,618	5,346	25,983	27,505	1,093	689	62,180	6,366	7,981	47,088	479	266
85 and over-----	105,603	9,063	16,399	78,624	795	722	46,000	3,303	13,331	28,362	502	482	59,603	5,760	3,068	50,242	293	240
Not stated-----	1,006	180	313	254	25	234	659	113	216	103	20	207	347	67	151	151	5	27
NONWHITE-----	174,759	47,411	72,942	46,348	4,258	3,620	95,122	26,830	44,597	16,484	2,480	2,723	79,637	18,581	28,546	29,864	1,750	1,097
Under 15 years-----	28,921	28,984	25	11	1	-	16,196	16,184	10	1	1	-	12,725	12,700	15	10	-	-
15-19 years-----	2,687	2,218	406	11	7	45	1,471	1,357	81	4	1	28	1,216	861	325	7	6	17
20-24 years-----	4,337	2,160	1,939	77	62	79	2,304	1,406	798	26	23	51	2,033	754	1,141	51	59	28
25-34 years-----	11,095	2,894	6,972	495	446	288	5,821	1,958	3,308	154	206	195	5,274	956	3,664	341	240	93
35-44 years-----	18,133	2,793	12,062	1,906	888	484	9,346	1,899	6,132	526	458	334	6,787	897	5,930	1,380	430	150
45-54 years-----	28,458	2,964	17,281	6,341	1,120	752	15,537	2,209	10,174	1,972	640	542	12,921	755	7,107	4,589	480	210
55-59 years-----	15,575	1,263	8,662	4,799	491	380	8,853	951	5,651	1,647	330	274	6,722	312	3,011	3,152	161	66
60-64 years-----	15,251	1,106	7,480	5,851	411	403	8,389	793	5,043	1,995	268	290	6,862	313	2,437	3,856	143	115
65-69 years-----	15,628	1,123	7,084	6,854	320	447	8,791	798	4,947	2,496	218	332	7,037	325	2,137	4,558	102	115
70-74 years-----	12,527	758	4,802	6,480	211	296	6,870	519	3,538	2,450	144	219	5,687	239	1,284	4,010	67	77
75-79 years-----	9,431	559	3,270	5,208	159	238	5,269	357	2,545	2,073	124	170	4,162	201	725	3,133	35	68
80-84 years-----	6,057	326	1,657	3,824	65	185	3,190	193	1,326	1,502	47	122	2,887	133	331	2,522	18	63
85 and over-----	5,977	323	1,124	4,337	31	162	2,802	183	923	1,576	24	98	3,175	140	201	2,761	7	66
Not stated-----	482	41	178	176	6	81	283	26	121	62	4	70	199	15	57	114	2	11

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM 254 SELECTED CAUSES, BY

(Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers after causes

Inter-mediate ¹ List number	CAUSE OF DEATH	ALL RACES		
		Total	Male	Female
1	ALL CAUSES-----	1,445,607	821,291	622,316
2	I.—Infective and parasitic diseases-----	59,779	36,594	21,185
3	Tuberculosis, all forms-----001-019	39,100	25,538	13,562
4 A 1	Tuberculosis of respiratory system-----001-009	35,989	23,790	12,198
5 A 2	Tuberculosis of meninges and central nervous system-----010	1,089	564	524
6 A 3	Tuberculosis of intestines, peritoneum, and mesenteric glands-----011	287	132	155
7 A 4 pt.	Tuberculosis of vertebral column-----012.0,013.0	233	140	93
8 A 4 pt.	Tuberculosis of other bones and joints-----012.1-012.3,013.1-013.3	85	53	32
9 A 5 pt.	Tuberculosis of genito-urinary system-----016	288	187	101
10 A 5 pt.	Tuberculosis of lymphatic system and other organs-----014,015,017,018	185	87	79
11 A 5 pt.	Disseminated tuberculosis-----019	976	565	391
12	Syphilis and its sequelae-----020-029	8,561	6,301	2,260
13 A 6	Congenital syphilis-----020	382	198	184
14 A 7	Early syphilis-----021	7	4	3
15 A 10 pt.	Aneurysm of aorta-----022	2,357	1,762	595
16 A 10 pt.	Other cardiovascular syphilis-----023	2,576	1,940	636
17 A 8	Tobes dorsalis-----024	208	164	44
18 A 9	General paralysis of insane-----025	1,774	1,324	450
19 A 10 pt.	Other syphilis of central nervous system-----026	941	676	265
20 A 10 pt.	Other syphilis-----027-029	566	233	133
21 A 11	Gonococcal infection-----030-035	66	31	35
22 A 12	Typhoid fever-----040	161	92	69
23 A 13 pt.	Paratyphoid fever-----041	15	8	7
24 A 13 pt.	Other Salmonella infections-----042	22	12	10
25 A 14	Cholera-----043	-	-	-
26 A 15	Brucellosis (undulant fever)-----044	68	45	23
27 A 16	Dysentery, all forms-----045-048	1,440	779	661
28 A 17	Scarlet fever-----050	39	19	20
29 A 18	Streptococcal sore throat-----051	447	220	227
30 A 19	Erysipelas-----052	65	30	35
31 A 20	Septicemia and pyemia-----053	587	331	256
32 A 21	Diphtheria-----055	574	304	270
33 A 22	Whooping cough-----056	727	339	388
34 A 23	Meningococcal infections-----057	917	538	379
35 A 24	Plague-----058	1	1	-
36 A 43 pt.	Tularemia-----059	18	11	7
37 A 25	Leprosy-----060	4	3	1
38 A 26	Tetanus-----061	398	269	129
39 A 27	Anthrax-----062	-	-	-
40 A 28	Acute poliomyelitis-----080	2,720	1,673	1,047
41 A 30 pt.	Late effects of acute poliomyelitis-----081	72	39	33
42 A 29	Acute infectious encephalitis-----082	465	250	215
43 A 30 pt.	Late effects of acute infectious encephalitis-----083	220	129	91
44 A 31	Smallpox-----084	2	1	1
45 A 32	Measles-----085	949	465	484
46 A 33	Yellow fever-----091	-	-	-
47 A 34	Infectious hepatitis-----092	560	277	283
48 A 35	Rabies-----094	10	7	3
49 A 36 pt.	Tick-borne typhus-----104	36	27	9
50 A 36 pt.	Typhus, other and unspecified, and other rickettsial diseases-----100-103,105-108	37	23	14
51 A 37	Malaria-----110-117	118	72	46
52 A 38	Schistosomiasis-----123	3	2	1
53 A 39	Hydatid disease-----125	8	4	4
54 A 40	Filariasis-----127	1	-	1
55 A 41	Ankylostomiasis-----129	11	7	4
56 A 42	Other diseases due to helminths-----124,126,128,130	81	39	42
57 A 43 pt.	All other infective and parasitic diseases-----036-039,049,054,063-074,086-090,093,095,096,120-122,131-136	1,256	703	548
58	II.—Neoplasms-----	212,186	106,370	105,816
59	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	206,325	104,032	102,293
60 A 44	Malignant neoplasm of buccal cavity and pharynx-----140-148	5,074	4,032	1,042
61	Malignant neoplasm of lip-----140	497	454	43
62	Malignant neoplasm of tongue-----141	1,236	996	240
63	Malignant neoplasm of other and unspecified parts of buccal cavity-----142-144	1,373	1,007	366
64	Malignant neoplasm of pharynx-----145-148	1,969	1,575	393
65	Malignant neoplasm of digestive organs and peritoneum-----150-156A,157-159	82,281	45,280	37,001
66 A 45	Malignant neoplasm of esophagus-----150	3,933	3,075	858
67 A 46	Malignant neoplasm of stomach-----151	24,791	15,632	9,159
68 A 47	Malignant neoplasm of intestine, except rectum-----152,153	22,949	10,469	12,480
69 A 48	Malignant neoplasm of rectum-----154	10,309	5,813	4,496
70 A 57 pt.	Malignant neoplasm of biliary passages and of liver (stated to be primary site)-----155	4,432	1,680	2,752
71 A 57 pt.	Malignant neoplasm of liver not specified whether primary or secondary-----156A	5,570	2,749	2,821
72 A 57 pt.	Malignant neoplasm of pancreas-----157	8,692	5,060	3,632
73 A 57 pt.	Malignant neoplasm of peritoneum and of unspecified digestive organs-----158,159	1,605	802	803
74	Malignant neoplasm of respiratory system-----160-184	19,518	15,822	3,696
75 A 49	Malignant neoplasm of larynx-----161	1,884	1,684	190
76 A 50 pt.	Malignant neoplasm of trachea, and of bronchus and lung specified as primary-----162	6,825	5,782	1,043
77 A 50 pt.	Malignant neoplasm of lung and bronchus, unspecified as to whether primary or secondary-----163	8,835	7,725	1,110
78 A 57 pt.	Malignant neoplasm of other parts of respiratory system-----160,164	974	621	353
79 A 51	Malignant neoplasm of breast-----170	18,553	233	18,320
80	Malignant neoplasm of genital organs-----171-179	34,545	12,055	22,490
81 A 52	Malignant neoplasm of cervix uteri-----171	8,219	...	8,219
82 A 53	Malignant neoplasm of other and unspecified parts of uterus-----172-174	8,043	...	8,043
83 A 57 pt.	Malignant neoplasm of ovary, fallopian tube, and broad ligament-----175	5,328	...	5,328
84 A 57 pt.	Malignant neoplasm of other and unspecified female genital organs-----176	700	...	700
85 A 54	Malignant neoplasm of prostate-----177	11,042	11,042	...
86 A 57 pt.	Malignant neoplasm of testis, and of other and unspecified male genital organs-----178,179	1,013	1,013	...
87 A 57 pt.	Malignant neoplasm of urinary organs-----180,181	9,859	6,416	3,443
88	Malignant neoplasm of kidney-----180	3,546	2,171	1,375
89	Malignant neoplasm of bladder and other urinary organs-----181	6,313	4,245	2,068

¹Intermediate List of 150 Causes for Tabulation of Mortality, International Statistical Classification of Diseases, Injuries, and Causes of Death, adopted 1948.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

SPECIFIED RACE AND SEX: UNITED STATES, 1949

of death are category numbers of the Sixth Revision of the International Lists, 1948)

Total	WHITES		NEGRO		INDIAN		CHINESE		JAPANESE		ALL OTHER		Total	Male	Female	Total	Male	Female
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female						
1,268,648	726,169	542,679	168,067	90,765	77,302	4,284	2,405	1,879	1,162	978	184	892	876	216	354	298	56	1
43,327	28,770	14,557	15,438	9,209	6,229	730	359	371	147	157	10	85	69	14	54	50	4	2
27,718	18,884	8,834	10,603	6,179	4,424	545	264	281	125	117	8	72	59	15	37	35	2	3
25,750	17,775	7,977	9,575	5,613	3,982	444	205	239	121	114	7	66	55	11	32	30	2	4
704	362	342	323	160	163	63	37	28	1	-	1	5	3	2	2	2	-	5
155	74	79	107	56	51	7	2	5	-	-	-	-	-	-	-	-	-	6
147	85	64	76	48	28	7	6	1	2	2	-	-	1	-	-	-	-	7
65	41	24	17	10	7	3	2	1	-	-	-	-	-	-	-	-	-	8
255	170	85	30	15	15	1	-	-	-	-	-	-	-	-	2	2	-	9
119	59	60	42	24	18	4	4	4	-	-	-	-	-	-	-	-	-	10
525	322	205	433	253	180	16	8	8	1	1	-	-	-	-	1	1	-	11
5,563	4,221	1,342	2,926	2,009	917	59	39	20	16	16	-	8	7	1	10	10	-	12
124	72	52	199	112	87	29	14	15	-	-	-	-	-	-	-	-	-	13
4	3	1	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	14
1,875	1,424	451	474	330	144	4	4	4	2	2	-	1	1	1	1	1	-	15
1,554	1,204	350	1,000	715	285	8	7	1	5	5	-	4	4	1	5	5	-	16
173	138	35	51	25	8	2	2	-	1	1	-	1	1	1	1	1	-	17
1,068	817	251	691	492	199	6	6	2	6	6	-	6	6	1	2	2	-	18
556	421	135	376	248	128	5	5	2	1	1	-	1	1	1	2	2	-	19
209	142	67	152	98	64	4	3	2	1	1	-	1	1	1	1	1	-	20
19	10	9	46	20	26	1	1	-	-	-	-	-	-	-	-	-	-	21
115	66	49	41	21	20	5	5	-	-	-	-	-	-	-	-	-	-	22
13	7	6	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	23
12	8	6	8	6	2	2	-	2	-	-	-	-	-	-	-	-	-	24
61	41	20	7	4	3	-	-	-	-	-	-	-	-	-	-	-	-	25
1,142	611	531	270	153	117	25	12	13	1	1	-	1	1	-	1	1	-	26
34	16	18	5	3	2	-	-	-	-	-	-	-	-	-	-	-	-	27
374	189	185	69	30	39	4	1	3	-	-	-	-	-	-	-	-	-	28
62	29	33	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	29
486	282	206	91	45	46	5	2	3	2	1	1	1	1	-	-	-	-	30
465	248	217	100	51	49	9	5	4	-	-	-	-	-	-	-	-	-	32
499	230	269	218	104	114	10	10	5	-	-	-	-	-	-	-	-	-	33
790	459	331	123	77	46	4	2	2	-	-	-	-	-	-	-	-	-	34
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35
10	7	3	8	4	4	-	-	-	-	-	-	-	-	-	-	-	-	36
3	3	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	37
229	169	60	168	100	68	1	1	1	-	-	-	-	-	-	-	-	-	38
2,651	1,627	1,004	78	43	35	8	3	6	1	1	1	1	1	-	1	-	-	39
69	37	32	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	40
397	211	186	60	33	27	7	6	1	-	-	-	-	-	-	1	-	-	41
208	122	86	12	7	5	-	-	-	-	-	-	-	-	-	-	-	-	42
2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
765	567	396	153	87	66	33	11	22	-	-	-	-	-	-	-	-	-	44
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	45
511	280	251	46	16	30	2	-	2	1	1	-	-	-	-	-	-	-	46
9	6	3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	47
33	24	9	2	2	-	1	1	-	-	-	-	-	-	-	-	-	-	48
23	15	8	14	8	6	-	-	-	-	-	-	-	-	-	-	-	-	49
63	41	22	58	31	24	-	-	-	-	-	-	-	-	-	-	-	-	50
3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
8	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
7	5	2	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	54
44	24	20	37	15	22	-	-	-	-	-	-	-	-	-	-	-	-	55
958	545	413	284	154	130	9	4	5	1	1	-	-	-	-	4	4	-	56
195,226	98,563	96,663	16,319	7,387	8,932	264	126	139	168	136	32	179	151	48	30	28	2	58
190,286	96,469	93,827	15,419	7,168	8,251	255	120	135	162	131	31	174	127	47	29	27	2	59
4,732	3,792	940	523	226	98	4	1	3	11	11	-	3	2	1	1	1	-	60
490	449	41	7	5	2	-	-	-	-	-	-	-	-	-	-	-	-	61
1,150	934	218	82	59	25	1	-	1	1	1	-	1	1	-	1	1	-	62
1,277	941	336	95	66	29	1	-	1	-	-	-	-	-	-	-	-	-	63
1,815	1,468	347	139	95	44	2	1	1	10	10	-	2	1	1	-	-	-	64
76,149	41,616	34,533	5,825	3,445	2,380	112	61	51	71	60	11	109	83	26	15	15	-	65
3,437	2,673	784	489	397	92	1	-	1	1	1	-	4	3	1	1	1	-	66
22,411	14,103	8,308	2,255	1,420	835	37	33	4	24	21	3	58	49	9	6	4	-	67
21,765	9,930	11,835	1,137	509	628	20	11	9	9	5	4	14	10	4	4	4	-	68
9,705	5,472	4,233	583	326	257	3	1	2	8	5	3	8	7	1	2	1	-	69
4,173	1,537	2,636	232	130	102	12	3	9	5	5	-	9	4	5	1	1	-	70
5,113	2,486	2,627	427	248	179	18	4	14	11	10	1	1	1	1	1	1	-	71
8,117	4,704	3,413	533	328	205	19	9	10	10	10	-	12	8	4	1	1	-	72
1,428	711	717	169	87	82	2	-	2	3	3	-	3	1	2	-	-	-	73
18,298	14,844	3,454	1,166	930	236	12	10	2	25	21	4	14	14	-	3	3	-	74
1,757	1,590	167	125	102	23	-	-	-	1	1	-	1	1	-	-	-	-	75
6,374	5,399	975	432	384	68	3	3	-	9	9	-	6	6	-	1	1	-	76
9,256	7,276	1,980	556	451	125	6	5	1	9	5	4	7	7	-	1	1	-	77
911	579	332	53	33	20	3	2	1	6	6	-	-	-	-	1	1	-	78
17,384	217	17,137	1,182	15	1,167	7	-	7	4	4	-	5	-	5	1	1	-	79
30,344	10,985	19,359	4,113	1,041	3,072	60	15	45	14	5	9	14	9	5	-	-	-	80
6,730	...	6,730	1,480	...	1,460	23	...	23	4	...	...	2	...	...	...	...	...	81
6,783	...	6,783	1,244	...	1,244	15	...	15	4	...	...	1	...	...	...	...	...	82
5,208	...	5,208	307	...	307	6												

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM 254 SELECTED CAUSES, BY

(Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers after causes

Intermediate ¹ List number	CAUSE OF DEATH	ALL RACES		
		Total	Male	Female
	II.—Neoplasms—Continued			
	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues—Continued			
1	Malignant neoplasm of other and unspecified sites-----156B,165,190-199	21,065	11,084	9,981
2	Malignant neoplasm of skin-----190,191	3,465	2,040	1,425
3	Malignant neoplasm of eye-----192	415	220	195
4	Malignant neoplasm of brain and other parts of nervous system-----193	3,932	2,391	1,541
5	Malignant neoplasm of thyroid gland-----194	814	248	566
6	Malignant neoplasm of bone (including jaw bone)-----196	2,555	1,372	963
7	Malignant neoplasm of connective tissue-----197	525	292	233
8	Malignant neoplasm of other specified sites, not stated to be secondary-----195,198A,199A	3,893	1,862	2,031
9	Malignant neoplasm of unspecified site-----156B,165,196B,199B-E	5,666	2,659	3,027
10	Leukemia and aleukemia-----204	9,102	4,705	3,397
11	Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues-----200-205,205	7,328	4,405	2,923
12	Lymphosarcoma and reticulosarcoma-----200	3,135	1,918	1,217
13	Hodgkin's disease-----201	2,476	1,514	962
14	Other neoplasms of lymphatic and hematopoietic tissues-----202,205,205	1,717	975	744
15	Benign neoplasms and neoplasms of unspecified nature-----210-239	5,861	2,338	3,523
16	Benign neoplasms of female genital organs-----214-217	1,450	...	1,450
17	Benign neoplasm of brain and other parts of nervous system-----223	903	436	467
18	Other benign neoplasms-----210-213,218-222,224-229	854	492	372
19	Neoplasm of unspecified nature of female genital organs-----233-235	40	...	40
20	Neoplasm of unspecified nature of brain and other parts of nervous system-----237	1,691	933	758
21	Other neoplasms of unspecified nature-----230-232,236,236,239	913	477	436
22	III.—Allergic, endocrine system, metabolic, and nutritional diseases-----	34,726	14,191	20,535
23	Asthma-----241	4,547	2,823	1,724
24	Non-toxic goiter-----250,251	186	51	135
25	Thyrototoxicosis with or without goiter-----252	1,562	278	1,284
26	Myxedema, cretinism, and other diseases of thyroid gland-----253,254	205	41	164
27	Diabetes mellitus-----260	25,089	9,451	15,638
28	Diseases of thymus gland-----273	927	513	314
29	Diseases of adrenal glands-----274	439	183	255
30	Pellagra-----281	321	90	231
31	All other avitaminoses and nutritional deficiency states-----280,282-286	949	466	463
32	Other allergic, endocrine, and metabolic diseases-----240,242-245,270-272,275-277,287-289	602	315	287
33	IV.—Diseases of the blood and blood-forming organs-----	5,831	2,737	3,094
34	Anemias-----290-293	4,446	2,038	2,408
35	Pernicious and other hyperchromic anemias-----290	2,449	1,073	1,376
36	Anemias of other and unspecified type-----291-293	1,997	965	1,032
37	Purpura and other hemorrhagic conditions-----296	583	255	328
38	All other diseases of blood and blood-forming organs-----294,295,297-299	802	444	358
39	V.—Mental, psychoneurotic, and personality disorders-----	5,602	3,645	1,957
40	Senile psychosis-----304	1,208	567	641
41	Alcoholic psychosis-----307	299	276	23
42	Other psychoses-----300-303,305,306,306,309	1,075	445	630
43	Alcoholism-----322	2,466	2,068	398
44	Mental deficiency-----325	355	212	163
45	Psychoneuroses and other disorders of personality-----310-321,323,324,326	179	77	102
46	VI.—Diseases of the nervous system and sense organs-----	164,620	81,531	83,089
47	Vascular lesions affecting central nervous system-----330-334	149,953	73,182	76,761
48	Subarachnoid hemorrhage-----330	2,904	1,562	1,422
49	Cerebral hemorrhage-----331	102,443	49,334	53,109
50	Cerebral embolism and thrombosis-----332	22,791	11,664	11,127
51	Other vascular lesions affecting central nervous system-----333,334	21,915	10,782	11,123
52	Meningitis, except meningococcal and tuberculous-----340	2,147	1,259	888
53	Multiple sclerosis-----345	1,379	673	706
54	Paralysis agitans-----350	2,179	1,234	945
55	Cerebral spastic infantile paralysis-----351	677	380	297
56	Epilepsy-----353	2,397	1,476	921
57	Inflammatory diseases of eye-----370-379	28	18	10
58	Cataract-----385	54	25	29
59	Glaucoma-----387	24	12	12
60	Otitis media and mastoiditis-----391-395	544	375	271
61	Other diseases of nervous system and sense organs-----341-344,352,354-369,380-384,386,388-390,394-398	5,138	2,889	2,249
62	VII.—Diseases of the circulatory system-----	570,546	335,556	237,010
63	Rheumatic fever-----400-402	2,304	1,161	1,143
64	Diseases of heart-----410-443	518,568	306,857	211,711
65	Chronic rheumatic heart disease-----410-416	20,434	10,370	10,064
66	Diseases of mitral valve-----420	9,109	4,639	4,470
67	Diseases of aortic valve specified as rheumatic-----411	702	535	167
68	Diseases of tricuspid valve-----412	24	16	8
69	Diseases of pulmonary valve and other endocarditis specified as rheumatic-----413,414	1,231	601	630
70	Other diseases of heart specified as rheumatic-----415,416	9,368	4,579	4,789
71	Arteriosclerotic heart disease, including coronary disease-----420	299,109	194,866	104,243
72	Arteriosclerotic heart disease so described-----420.0	89,512	49,616	39,896
73	Heart disease specified as involving coronary arteries-----420.1	207,023	143,331	63,692
74	Angina pectoris without mention of coronary disease-----420.2	2,574	1,719	855
75	Chronic endocarditis not specified as rheumatic-----421	11,307	6,107	5,200
76	Of mitral valve, specified as nonrheumatic-----421.0	277	145	132
77	Of aortic valve, not specified as rheumatic-----421.1	2,056	1,302	754
78	Of other valves, not specified as rheumatic-----421.2-421.4	8,774	4,660	4,114
79	Other myocardial degeneration-----422	80,094	41,944	38,150
80	With arteriosclerosis-----422.1	34,648	17,340	17,308
81	Without mention of arteriosclerosis-----422.0,422.2	45,446	24,604	20,842

¹Intermediate List of 150 Causes for Tabulation of Mortality, International Statistical Classification of Diseases, Injuries, and Causes of Death, adopted 1948.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

103

SPECIFIED RACE AND SEX: UNITED STATES, 1949—Continued

of death are category numbers of the Sixth Revision of the International Lists, 1948)

WHITE			NEGRO			INDIAN			CHINESE			JAPANESE			ALL OTHER			
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	
19,579	10,360	9,219	1,424	680	744	30	16	14	15	15	-	14	10	4	3	3	-	1
3,345	1,980	1,365	114	57	57	4	2	2	1	1	-	1	-	1	-	-	-	2
391	209	182	22	10	12	2	1	1	2	1	-	-	-	-	-	-	-	3
3,753	2,263	1,470	169	101	68	5	4	1	2	2	-	2	-	2	-	-	-	4
754	322	432	54	22	32	2	1	1	1	1	-	1	-	1	-	-	-	5
2,163	1,275	888	168	94	74	2	1	1	1	1	-	1	-	1	-	-	-	6
480	266	214	42	24	18	1	1	-	1	1	-	1	-	1	-	-	-	7
3,562	1,718	1,844	323	137	186	3	2	1	4	4	-	1	-	1	-	-	-	8
5,131	2,407	2,724	532	235	297	11	5	6	6	6	-	6	-	6	-	-	-	9
7,679	4,453	3,226	398	238	160	16	9	7	5	5	2	3	1	2	1	1	1	10
6,851	4,096	2,755	455	291	164	3	3	-	7	7	-	6	5	3	4	1	1	11
2,952	1,797	1,155	170	110	60	1	1	-	5	5	-	6	4	2	1	1	1	12
2,322	1,414	908	149	96	53	1	1	-	1	1	-	1	-	1	-	-	-	13
1,577	885	692	136	85	51	1	1	-	1	1	-	2	1	1	-	-	-	14
4,940	2,104	2,836	900	219	681	9	5	4	6	5	1	5	4	1	1	1	-	15
1,000	...	1,000	447	...	447	2	...	2	1	1	1	1	...	1	...	...	...	16
839	409	430	61	26	35	1	1	-	1	1	-	1	-	1	-	-	-	17
776	448	328	82	39	43	1	1	-	2	2	-	2	-	2	-	-	-	18
35	...	35	5	...	5	-	...	-	...	...	-	...	-	...	-	...	...	19
1,499	829	669	187	98	89	3	3	-	1	1	-	2	-	2	-	-	-	20
792	418	374	118	56	62	2	2	-	1	1	-	1	-	1	-	-	-	21
31,286	12,944	18,352	3,300	1,188	2,112	91	31	60	19	15	4	11	8	3	9	5	4	22
4,071	2,547	1,524	459	263	196	7	4	3	3	3	-	2	2	-	5	4	1	23
143	30	113	42	1	41	1	1	-	1	-	-	-	-	-	-	-	-	24
1,380	254	1,126	177	22	155	3	1	-	-	-	-	1	1	-	1	-	1	25
196	40	156	0	1	7	1	1	-	1	-	-	-	-	-	-	-	-	26
22,875	8,717	14,158	2,125	676	1,449	66	22	44	13	10	3	8	5	3	4	1	1	27
705	449	256	114	63	51	6	1	5	1	1	-	1	-	1	-	-	-	28
408	166	242	29	17	12	1	1	-	1	-	-	-	-	-	-	-	-	29
213	63	150	107	27	80	1	1	-	1	-	-	-	-	-	-	-	-	30
754	385	369	189	97	92	4	2	-	2	2	-	-	-	-	-	-	-	31
551	293	258	50	21	29	1	1	-	-	-	-	-	-	-	-	-	-	32
5,801	2,504	2,797	508	220	288	12	8	4	7	3	4	2	1	1	1	1	-	33
4,019	1,855	2,164	413	176	237	8	4	4	3	1	2	2	1	1	1	1	-	34
2,340	1,032	1,308	103	38	65	5	2	3	5	-	-	1	1	-	-	-	-	35
1,678	823	855	310	138	172	3	2	1	3	1	-	1	-	1	1	1	-	36
528	234	294	49	17	32	2	2	-	4	2	-	2	-	-	-	-	-	37
754	415	339	46	27	19	2	2	-	-	-	-	-	-	-	-	-	-	38
4,821	3,179	1,642	744	441	303	26	17	9	6	6	-	5	2	3	-	-	-	39
1,088	512	576	114	52	62	6	3	3	-	-	-	-	-	-	-	-	-	40
270	252	18	29	24	5	-	-	-	-	-	-	-	-	-	-	-	-	41
854	358	496	217	87	130	1	-	1	-	-	-	3	-	3	-	-	-	42
2,103	1,790	313	341	260	81	18	14	4	2	2	-	2	2	-	-	-	-	43
350	200	150	25	12	13	-	-	-	-	-	-	-	-	-	-	-	-	44
156	67	89	18	6	12	1	-	1	4	4	-	-	-	-	-	-	-	45
144,050	71,658	72,382	20,116	9,559	10,557	233	127	106	85	74	11	105	75	30	31	28	3	46
151,390	64,490	86,900	18,201	8,456	9,745	164	89	75	78	68	10	95	67	28	25	22	3	47
2,406	1,186	1,220	381	190	201	1	1	-	2	2	-	2	1	1	2	2	-	48
89,595	45,582	44,013	12,581	5,774	6,807	120	65	55	60	50	10	70	48	22	17	15	2	49
21,148	10,812	10,336	1,596	858	738	16	7	9	9	7	-	13	4	5	5	5	-	50
18,241	9,110	9,131	3,633	1,654	1,979	27	16	11	7	7	-	6	5	1	1	-	1	51
1,583	939	644	527	286	231	2	1	1	2	1	-	2	1	1	4	4	-	52
1,333	648	684	43	21	22	1	1	-	1	1	-	-	-	-	1	1	-	53
2,119	1,203	916	60	31	29	-	-	-	-	-	-	-	-	-	-	-	-	54
597	332	265	80	48	32	-	-	-	-	-	-	-	-	-	-	-	-	55
1,964	1,183	781	425	289	136	6	2	4	-	-	-	2	2	-	-	-	-	56
24	16	8	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-	57
51	24	27	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-	58
21	10	11	3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	59
563	332	231	67	31	36	12	8	4	1	1	-	-	-	-	1	1	-	60
4,405	2,480	1,925	703	382	321	21	10	11	3	3	-	6	4	2	-	-	-	61
517,913	305,599	212,314	51,243	26,895	24,348	661	410	251	375	338	37	263	215	47	92	79	13	62
1,869	985	904	418	185	233	13	9	4	1	1	-	1	1	-	2	-	2	63
471,425	281,716	189,709	45,887	24,198	21,689	592	368	224	340	306	34	239	193	46	85	76	9	64
18,430	9,326	9,104	1,933	1,000	933	35	18	17	15	11	4	16	11	5	5	4	1	65
8,077	4,127	3,950	988	490	498	25	11	14	10	6	4	5	4	3	4	3	1	66
663	505	158	36	27	9	-	-	-	-	-	-	2	2	-	1	1	-	67
23	15	8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	68
1,161	565	596	67	34	33	-	-	-	-	-	-	3	2	1	-	-	-	69
8,506	4,114	4,392	841	448	393	10	7	3	5	5	-	6	5	1	-	-	-	70
282,806	188,324	97,482	15,654	9,017	6,637	260	177	83	188	176	12	157	132	25	44	40	4	71
84,046	46,774	37,272	5,267	2,685	2,582	59	32	27	87	82	5	48	40	8	5	3	2	72
196,453	106,969	89,484	10,143	5,997	4,146	199	143	56	101	94	7	108	91	17	39	37	2	73
2,327	1,581	746	244	135	109	2	2	-	2	-	-	-	-	-	-	-	-	74
9,416	5,147	4,269	1,861	941	920	22	13	9	2	2	-	3	2	1	3	2	1	75
254	119	115	41	24	17	2	2	-	2	-	-	-	-	-	-	-	-	76
1,807	1,045	762	441	235	186	7	3	4	5	4	-	1	1	-	3	2	-	77
7,573	3,983	3,590	1,379	684	715	13	8	5	2	2	-	2	2	1	3	2	1	78
72,423	37,855	34,568	7,474	3,969	3,505	105	64	41	44	41	3	28	21	5	14	12	2	79
32,104	15,979	16,125	2,495	1,323	1,172	21	13	8	16	16	-	7	5	2	5	4	1	80
40,325	21,856	18,469	4,979	2,646	2,333	84	51	33	28	25	3	21	18	3	9	8	1	81

TABLE 6.—DEATHS FROM 254 SELECTED CAUSES, BY

(Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers after causes

Inter-mediate ¹ List number	CAUSE OF DEATH	ALL RACES		
		Total	Male	Female
	VII.—Diseases of the circulatory system—Continued			
	Diseases of heart—Continued			
1	A 82 Other diseases of heart-----430-434	25,816	14,459	9,357
2	Acute and subacute endocarditis-----430	1,187	708	479
3	Acute myocarditis not specified as rheumatic-----431	5,289	1,782	1,497
4	Acute pericarditis specified as nonrheumatic-----432	42	50	12
5	Functional disease of heart-----433	2,342	1,110	1,024
6	Other and unspecified diseases of heart-----434	17,176	10,871	6,355
7	A 83 Hypertension with heart disease-----440-443	85,008	39,111	44,697
8	Hypertensive heart disease with arteriolar nephrosclerosis-----442	25,718	13,165	12,553
9	Essential hypertension with heart disease, other and unspecified hypertensive heart disease-----440, 441, 443	59,090	25,946	32,144
10	A 84 Hypertension without mention of heart-----444-447	12,199	6,009	6,190
11	Hypertension with arteriolar nephrosclerosis without mention of heart-----446	5,928	3,068	2,860
12	Essential hypertension and other hypertensive disease without mention of heart-----444, 445, 447	6,571	2,941	3,630
13	A 85 Diseases of arteries-----450-456	33,853	17,610	16,243
14	General arteriosclerosis-----450	30,426	15,498	14,928
15	Aortic aneurysm specified as nonaphyllitic, and dissecting aneurysm-----451	1,487	1,086	391
16	Angrene of unspecified cause-----455	329	199	130
17	Other arterial diseases-----452-454, 456	1,611	817	794
18	A 86 Diseases of veins and other diseases of circulatory system-----460-468	3,622	1,899	1,723
19	VIII.—Diseases of the respiratory system-----	58,259	34,404	23,855
20	A 87 Acute upper respiratory infections-----470-475	912	500	412
21	A 88 Influenza-----480-483	4,602	2,350	2,252
22	Pneumonia, except pneumonia of newborn-----490-493	40,038	22,947	17,091
23	A 89 Lobar pneumonia-----490	14,365	8,316	5,549
24	A 90 Bronchopneumonia-----491	19,052	10,415	8,637
25	A 91 pt. Primary atypical pneumonia-----492	3,107	1,735	1,372
26	A 91 pt. Pneumonia, other and unspecified-----493	5,514	1,981	1,533
27	A 92 Acute bronchitis-----500	991	537	454
28	A 93 Bronchitis, chronic and unqualified-----501, 502	2,293	1,395	900
29	A 94 Hypertrophy of tonsils and adenoids-----510	377	212	165
30	A 95 Empyema and abscess of lung-----518, 521	920	697	233
31	A 96 Pleurisy-----519	222	140	82
32	A 97 All other respiratory diseases-----511-517, 520, 522-527	7,904	5,658	2,266
33	IX.—Diseases of the digestive system-----	59,601	34,212	24,399
34	A 98 Diseases of teeth and supporting structures-----530-535	276	174	102
35	A 99 Ulcer of stomach-----540	4,416	3,540	876
36	A 100 Ulcer of duodenum-----541	3,393	2,959	534
37	A 101 Gastritis and duodenitis-----543	342	190	152
38	A 102 Appendicitis-----550-553	3,744	2,325	1,419
39	A 103 Hernia and intestinal obstruction-----560, 561, 570	9,654	5,110	4,744
40	A 104 Gastro-enteritis and colitis, except diarrhea of newborn-----571, 572	9,629	5,000	4,629
41	A 105 Cirrhosis of liver-----581	13,694	9,048	4,646
42	Without mention of alcoholism-----581.0	10,515	6,752	3,764
43	With alcoholism-----581.1	3,178	2,296	882
44	A 106 Cholelithiasis and cholecystitis-----594, 595	6,282	2,215	4,079
45	A 107 Other diseases of digestive system-----536-539, 542, 544, 545, 573-580, 592, 593, 596, 597	6,962	3,773	3,189
46	X.—Diseases of the genito-urinary system-----	44,145	26,755	17,392
47	Nephritis and nephrosis-----590-594	29,532	15,625	13,907
48	A 108 Acute nephritis-----590	2,279	1,249	1,030
49	A 109 pt. Nephritis with edema, including nephrosis-----591	1,518	736	582
50	A 109 pt. Chronic and unspecified nephritis and other renal sclerosis-----592-594	25,935	13,640	12,295
51	A 110 Infections of kidney-----600	3,128	1,582	1,546
52	A 111 Calculi of urinary system-----602, 604	1,078	648	432
53	A 114 pt. Other diseases of urinary system-----601, 603, 605-609	1,600	1,100	500
54	A 112 Hyperplasia of prostate-----610	6,860	6,860	...
55	A 114 pt. Other diseases of male genital organs-----611-617	937	937	...
56	A 113 Diseases of breast-----620-621	19	3	16
57	A 114 pt. Diseases of female genital organs-----622-637	991	...	991
58	XI.—Deliveries and complications of pregnancy, childbirth, and the puerperium-----	3,216	...	3,216
59	A 115 Sepsis of pregnancy, childbirth, and puerperium-----640, 641, 681, 682, 684	516	...	516
60	A 116 pt. Toxemias of pregnancy and puerperium, except abortion with toxemia-----642, 685, 686	1,033	...	1,033
61	A 117 Hemorrhage of pregnancy and childbirth-----643, 644, 670-672	545	...	545
62	A 120 pt. Ectopic pregnancy-----645	203	...	203
63	A 118 Abortion without mention of sepsis or toxemia-----650	93	...	93
64	A 119 Abortion with sepsis-----651	261	...	261
65	A 116 pt. Abortion with toxemia, without mention of sepsis-----652	34	...	34
66	A 120 pt. Other complications of pregnancy, childbirth, and puerperium-----646-649, 660, 673-680, 683, 687-689	525	...	525
67	XII.—Diseases of the skin and cellular tissue-----	1,421	708	713
68	A 121 Infections of skin and subcutaneous tissue-----690-698	413	245	168
69	A 126 pt. Other diseases of skin and subcutaneous tissue-----700-716	1,008	463	545
70	XIII.—Diseases of the bones and organs of movement-----	2,964	1,286	1,678
71	A 122 Arthritis and spondylitis-----720-725	1,771	609	1,162
72	A 123 Muscular rheumatism and rheumatism, unspecified-----726, 727	97	46	51
73	A 124 Osteomyelitis and periostitis-----730	219	150	69
74	A 125 Ankylosis and acquired musculoskeletal deformities-----737, 745-749	77	46	31
75	A 126 pt. All other diseases of musculoskeletal system-----731-736, 738-744	800	435	365
76	XIV.—Congenital malformations-----	18,864	10,377	8,487
77	A 127 Spina bifida and meningocele-----751	1,960	889	1,071
78	A 129 pt. Congenital hydrocephalus and other congenital malformations of nervous system and sense organs-----752, 753	1,951	953	993
79	A 128 Congenital malformations of circulatory system-----754	8,568	4,840	3,728
80	A 129 pt. Other congenital malformations-----760, 755-759	6,386	3,690	2,695

¹Intermediate List of 150 Causes for Tabulation of Mortality, International Statistical Classification of Diseases, Injuries, and Causes of Death, adopted 1948.

GENERAL TABLES-DEATHS FROM SELECTED CAUSES

SPECIFIED RACE AND SEX: UNITED STATES, 1949-Continued

of death are category numbers of the Sixth Revision of the International Lists, (1948)

WHITE			NEGRO			INDIAN			CHINESE			JAPANESE			ALL OTHER			
Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	
19,688	12,172	7,516	4,041	2,229	1,812	63	39	24	9	8	1	8	5	3	7	6	1	
930	578	352	249	125	124	2	1	1	3	2	1	2	1	1	1	1	2	
2,653	1,480	1,173	613	299	314	2	2	-	1	1	-	-	-	-	-	-	3	
35	28	7	6	1	5	1	1	-	-	-	-	-	-	-	-	-	4	
2,031	1,067	964	101	46	55	9	5	4	-	-	-	-	-	-	-	-	5	
14,039	9,019	5,020	3,072	1,758	1,314	49	30	19	5	5	-	5	4	1	6	5	6	
68,656	31,912	36,744	14,924	7,042	7,882	107	57	50	82	68	14	27	20	7	12	12	7	
21,175	10,851	10,324	4,479	2,272	2,206	44	23	21	14	14	-	5	3	2	2	2	8	
47,481	21,061	26,420	10,446	4,770	5,676	63	34	29	68	54	14	22	17	5	10	10	9	
9,988	4,931	5,057	2,186	1,058	1,128	12	9	3	2	1	1	9	9	-	2	1	10	
4,727	2,605	2,122	889	453	436	5	4	1	2	1	1	5	5	-	-	-	11	
5,261	2,326	2,935	1,297	605	692	7	5	2	-	-	-	4	4	-	2	1	12	
51,416	16,289	15,127	2,353	1,259	1,094	39	21	18	30	28	2	12	11	1	3	2	13	
28,576	14,574	14,002	1,975	1,068	907	37	20	17	27	27	-	8	7	1	3	2	14	
1,326	990	336	157	102	55	-	-	-	-	-	-	4	4	-	-	-	15	
272	171	101	55	27	28	2	1	1	-	-	-	-	-	-	-	-	16	
1,442	754	688	165	62	104	-	1	1	3	1	2	-	-	-	-	-	17	
3,215	1,698	1,517	399	195	204	5	3	2	2	2	-	1	1	-	-	-	18	
47,917	28,616	19,301	9,615	5,470	4,345	424	233	191	54	44	10	29	23	6	20	18	19	
702	379	323	197	114	83	10	6	4	2	1	1	1	-	1	-	-	20	
3,360	1,704	1,656	1,221	635	586	20	10	10	-	-	-	1	1	-	-	-	21	
32,426	18,679	13,747	7,168	3,998	3,172	362	205	157	45	37	8	20	15	5	17	15	22	
11,424	7,072	4,352	2,825	1,661	1,164	94	63	31	13	11	2	2	2	-	7	7	23	
15,531	8,552	6,979	3,264	1,716	1,548	205	104	101	29	24	5	15	12	3	8	7	24	
2,754	1,535	1,219	331	185	146	15	11	4	3	2	1	3	1	2	1	1	25	
2,717	1,520	1,197	748	434	314	49	27	21	-	-	-	-	-	-	1	1	26	
824	457	367	164	78	86	2	1	1	-	-	-	-	-	-	1	1	27	
2,047	1,274	773	234	116	118	11	2	9	1	1	-	-	-	-	-	-	28	
315	179	136	61	32	29	1	1	-	-	-	-	-	-	-	-	-	29	
748	570	178	169	116	53	3	1	2	-	-	-	-	-	-	-	-	30	
192	121	71	29	19	10	1	-	1	-	-	-	-	-	-	-	-	31	
7,303	5,253	2,050	572	364	208	14	7	7	6	5	1	7	7	-	2	2	32	
51,972	30,438	21,534	6,170	3,482	2,688	349	188	161	63	63	-	36	30	6	11	11	33	
213	142	71	62	31	31	1	1	-	-	-	-	-	-	-	-	-	34	
3,927	3,164	763	463	355	108	8	4	4	10	10	-	7	6	1	1	1	35	
3,196	2,684	512	186	144	42	1	1	1	7	7	-	1	1	-	2	2	36	
245	147	98	94	42	52	3	1	2	3	3	-	-	-	-	-	-	37	
3,193	2,002	1,191	530	306	224	16	13	3	1	1	-	4	3	1	-	-	38	
8,707	4,496	4,211	1,103	569	534	36	17	19	5	5	-	3	3	-	-	-	39	
7,677	3,929	3,748	1,727	939	788	217	126	91	3	4	-	4	3	1	-	-	40	
12,758	8,468	4,290	867	524	343	27	15	12	27	27	-	9	8	1	6	5	41	
9,778	6,310	3,468	689	404	285	19	9	10	18	18	-	7	6	1	5	5	42	
2,860	2,158	622	178	120	58	8	6	2	9	9	-	2	2	-	1	1	43	
6,057	2,139	3,918	209	64	145	20	6	15	3	3	-	3	2	1	-	-	44	
5,999	3,267	2,732	929	488	441	20	5	15	7	7	-	5	4	1	2	2	45	
36,472	22,445	14,027	7,503	4,203	3,300	103	54	49	32	27	5	27	17	10	8	7	46	
23,859	12,760	11,099	5,553	2,795	2,758	69	33	36	25	21	4	21	12	9	5	4	47	
1,708	950	758	264	129	135	13	4	9	2	1	-	-	-	-	2	2	48	
1,053	596	457	263	139	124	1	-	1	1	1	-	-	-	-	-	-	49	
21,098	11,214	9,884	4,736	2,364	2,372	55	29	26	22	19	3	22	12	9	3	2	50	
2,696	1,355	1,341	419	218	201	8	4	4	2	2	-	2	2	-	1	1	51	
1,008	610	398	65	33	32	-1	-	1	3	2	1	-	-	-	1	1	52	
1,273	843	430	321	254	67	3	1	2	-	-	-	2	1	1	1	1	53	
6,097	6,097	...	745	745	...	15	15	...	2	2	...	...	...	...	...	...	54
777	777	...	158	158	...	1	1	...	-	-	...	1	1	...	-	-	55	
13	3	10	5	-	5	-	-	-	-	-	-	-	-	-	-	-	56	
749	...	749	237	...	237	5	...	5	-	...	-	-	...	-	-	...	57	
2,099	...	2,099	1,077	...	1,077	31	...	31	5	...	5	3	...	3	1	...	58	
358	...	358	149	...	149	9	...	9	-	...	-	-	...	-	-	...	59	
852	...	652	372	...	372	7	...	7	1	...	1	1	...	1	-	...	60	
371	...	371	168	...	168	4	...	4	1	...	1	1	...	1	-	...	61	
108	...	108	90	...	90	3	...	3	1	...	1	-	...	-	1	...	62	
62	...	62	35	...	35	2	...	2	-	...	-	-	...	-	-	...	63	
154	...	154	105	...	105	2	...	2	-	...	-	-	...	-	-	...	64	
20	...	20	14	...	14	-	...	-	-	...	-	-	...	-	-	...	65	
574	...	574	144	...	144	4	...	4	2	...	2	1	...	1	-	...	66	
1,170	597	583	240	115	125	9	5	4	2	1	1	-	-	-	-	-	67	
322	193	129	86	48	38	5	4	1	-	-	-	-	-	-	-	-	68	
848	394	454	154	67	87	4	1	3	2	1	1	-	-	-	-	-	69	
2,674	1,157	1,517	278	122	156	9	5	4	1	1	-	1	-	1	1	1	70	
1,599	545	1,054	165	61	104	7	3	4	-	-	-	-	-	-	-	-	71	
84	43	41	15	3	10	-	-	-	-	-	-	-	-	-	-	-	72	
177	123	54	40	25	15	-	-	-	1	1	-	-	-	-	1	1	73	
63	37	26	12	7	5	2	2	-	-	-	-	-	-	-	-	-	74	
751	409	342	48	26	22	-	-	-	-	-	-	1	-	1	-	-	75	
17,180	9,438	7,742	1,568	876	692	70	38	32	19	10	9	18	10	8	9	5	4	76
1,873	837	1,036	79	46	33	6	5	1	-	-	-	1	1	-	1	-	1	77
1,770	887	913	168	85	73	8	2	6	3	3	-	1	-	1	1	1	78	
7,764	4,410	3,354	750	402	348	32	18	14	12	6	6	7	3	4	3	2	79	
5,773	3,334	2,439	571	333	236	24	13	11	4	1	3	9	6	3	4	1	80	

VITAL STATISTICS OF THE UNITED STATES

TABLE 6—DEATHS FROM 254 SELECTED CAUSES, BY
(Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers after cause)

Inter-mediate ¹ List number	CAUSE OF DEATH	ALL RACES		
		Total	Male	Female
1	XV.—Certain diseases of early infancy-----	64,179	37,860	26,519
2	AL30 Birth injuries-----760,761	12,314	7,553	4,761
3	AL31 Postnatal asphyxia and atelectasis-----762	13,239	7,945	5,294
4	AL32 Infections of newborn-----763-768	4,471	2,612	1,859
5	AL33 Hemolytic disease of newborn (erythroblastosis)-----770	2,519	1,501	1,018
6	AL34 All other defined diseases of early infancy-----769,771,772	3,466	2,025	1,441
7	AL35 Ill-defined diseases peculiar to early infancy, and immaturity unqualified-----773-776	26,170	16,024	12,146
8	XVI.—Symptoms, senility, and ill-defined conditions-----	25,520	15,374	10,146
9	AL36 Senility without mention of psychosis-----784	6,559	2,888	3,471
10	AL37 Symptoms, ill-defined and unknown causes-----780-793,795	17,161	10,486	6,675
11	XVII.—Accidents, poisonings, and violence-----	115,148	81,913	53,235
12	Accidents-----E900-E962	90,106	62,476	27,630
13	AE 139 pt. Railway accidents-----E800-E902	2,119	1,803	216
14	AE 138 Motor-vehicle accidents-----E910-E935	51,701	24,282	7,408
15	Motor-vehicle traffic accidents-----E910-E923	30,883	23,643	7,220
16	Motor-vehicle traffic accident involving collision with railway train-----E910-E912	1,452	1,109	543
17	Motor-vehicle traffic accident to pedestrian-----E912	8,298	6,301	1,997
18	Other motor-vehicle traffic accidents involving collision-----E911, E913-E919	9,064	6,751	2,313
19	Motor-vehicle noncollision traffic accidents-----E920-E924	6,897	5,584	1,313
20	Motor-vehicle traffic accident of unspecified nature-----E925	5,162	3,688	1,264
21	Motor-vehicle nontraffic accidents-----E930-E935	838	649	189
22	AE 139 pt. Other road-vehicle accidents-----E940-E945	599	484	115
23	AE 139 pt. Water-transport accidents-----E950-E959	1,484	1,368	116
24	AE 139 pt. Aircraft accidents-----E960-E966	1,549	1,415	134
25	AE 140 pt. Accidental poisoning by solid and liquid substances-----E970-E999	1,634	992	642
26	AE 140 pt. Accidental poisoning by gases and vapor-----E990-E995	1,617	1,123	494
27	AE 141 Accidental falls-----E900-E904	22,306	10,594	11,714
28	Fall from one level to another-----E900-E902	7,456	4,646	2,810
29	Fall on same level-----E903	4,300	1,804	2,496
30	Unspecified falls-----E904	10,552	4,144	6,408
31	AE 147 pt. Blow from falling object-----E910	1,604	1,529	75
32	AE 142 Accident caused by machinery-----E912	1,669	1,594	75
33	AE 147 pt. Accident caused by electric current-----E914	1,046	976	70
34	AE 143 Accident caused by fire and explosion of combustible material-----E916	5,982	3,424	2,558
35	AE 144 Accident caused by hot substance, corrosive liquid, steam and radiation-----E917, E918	950	562	388
36	AE 145 Accident caused by firearm-----E919	2,326	2,043	283
37	AE 147 pt. Inhalation and ingestion of food or other object causing obstruction or suffocation-----E921, E922	1,341	650	511
38	AE 146 Accidental drowning-----E929	5,330	4,550	780
39	AE 147 pt. Excessive heat and insolation-----E931	466	371	117
40	AE 147 pt. Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, and late complications of therapeutic procedures-----E940-E959	232	129	103
41	AE 147 pt. All other accidents-----E911, E913, E915, E920, E923-E928, E930, E932-E936, E960-E962	6,127	4,297	1,830
42	AE 148 Suicide-----E963, E970-E979	16,983	13,209	3,784
43	Suicide by poisoning-----E970-E973	3,634	2,527	1,507
44	Suicide by hanging and strangulation-----E974	3,641	2,839	802
45	Suicide by firearms and explosives-----E976	7,215	6,441	774
46	Suicide by all other means-----E963, E975, E977-E979	2,303	1,602	701
47	AE 149 Homicide-----E964, E980-E985	8,033	6,214	1,819
48	Assault by firearms and explosives-----E981	4,235	3,248	987
49	Assault by cutting and piercing instruments-----E982	1,689	1,481	388
50	Assault by other means-----E964, E980, E983	1,534	1,092	442
51	Injury by intervention of police-----E984	277	275	2
52	Execution-----E985	118	118	-
53	AE 150 Injury resulting from operations of war-----E965, E990-E999	16	14	2

¹Intermediate List of 150 Causes for Tabulation of Mortality, International Statistical Classification of Diseases, Injuries, and Causes of Death, adopted 1949.

VITAL STATISTICS OF THE UNITED STATES

TABLE 7.—DEATHS FROM 32 SELECTED CAUSES:

(By place of occurrence. Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers

AREA	Total	Tuber- culo- sis, all forms	Syph- illis and its sequelae	Ty- phoid fever	Dysen- tery, all forms	Diph- theria	Whoop- ing cough	Menin- gococ- cal infec- tions	Acute polio- mye- litis	Mea- sles	All other infective and para- sitic diseases—	Malignant neoplasms, including neoplasms of lym- phatic and hemo- poietic tissues	Diab- etes mel- litus	Menin- gitis, except menin- gococ- cal and tuber- culous	Major cardio- vascular diseases	Diseases of cardio- vascular system
		001- 019	020- 029	040	045- 048	055	056	057	080	085	030-039, 041-044, 048-054, 058-074, 081-084, 085-138	140-205	260	340	330-334, 400-468, 592-594	530-534, 400-468
1 UNITED STATES-----	1,443,607	39,100	8,881	161	1,440	574	727	917	2,720	949	4,610	206,325	25,089	2,147	746,454	720,499
2 Alabama-----	26,481	896	198	1	33	22	22	17	12	52	113	2,795	327	59	12,067	11,319
3 Arizona-----	6,872	596	53	3	29	11	6	10	16	10	47	710	65	22	2,327	2,242
4 Arkansas-----	15,548	623	92	4	37	15	13	9	46	26	65	1,756	194	35	7,179	6,837
5 California-----	100,361	2,815	682	3	35	55	30	63	136	31	271	14,928	938	140	53,129	51,869
6 Colorado-----	12,716	311	57	1	10	4	1	13	39	14	62	1,678	165	16	6,069	5,847
7 Connecticut-----	18,635	399	77	1	1	3	2	11	33	6	44	3,361	387	13	10,268	10,056
8 Delaware-----	5,387	112	26	-	1	2	-	5	1	-	11	446	64	6	1,841	1,757
9 District of Columbia-----	6,682	317	87	2	1	8	-	5	10	-	28	1,420	124	26	4,284	4,164
10 Florida-----	26,651	663	200	6	25	10	4	11	13	8	154	3,274	375	50	13,488	12,896
11 Georgia-----	29,704	907	241	13	47	20	23	19	10	31	163	3,318	375	62	14,375	13,445
12 Idaho-----	4,572	49	17	-	-	2	5	4	13	6	15	548	66	5	2,254	2,153
13 Illinois-----	91,729	2,428	531	1	23	4	25	45	232	6	202	14,322	2,281	91	49,354	47,299
14 Indiana-----	39,899	782	262	1	14	20	26	33	122	9	135	5,535	697	50	21,672	20,914
15 Iowa-----	26,308	237	122	1	10	1	4	13	90	5	81	3,910	424	16	14,639	14,163
16 Kansas-----	18,940	209	109	1	4	1	-	11	63	18	67	2,696	349	28	10,252	9,631
17 Kentucky-----	27,764	1,237	147	14	92	24	69	40	55	33	112	3,066	339	49	13,390	12,787
18 Louisiana-----	23,563	799	299	13	32	14	16	20	6	16	129	3,123	352	69	11,173	10,692
19 Maine-----	10,054	187	33	-	-	-	9	8	10	12	28	1,485	175	12	5,515	5,331
20 Maryland-----	22,668	1,003	191	-	6	5	5	11	9	17	64	3,352	438	36	11,519	11,519
21 Massachusetts-----	50,989	1,148	153	3	7	45	7	15	53	11	107	8,566	970	51	20,862	20,222
22 Michigan-----	57,150	1,410	386	1	18	10	22	32	213	31	134	8,606	1,627	87	29,674	27,701
23 Minnesota-----	28,220	395	119	1	5	12	6	22	115	2	76	4,578	482	26	14,961	14,681
24 Mississippi-----	20,522	586	151	3	67	32	32	8	9	26	94	2,011	232	81	8,714	8,084
25 Missouri-----	44,007	1,098	259	5	28	21	26	23	127	27	111	6,326	697	59	23,406	22,295
26 Montana-----	5,867	103	33	1	4	2	2	3	16	3	20	712	100	5	2,924	2,826
27 Nebraska-----	12,507	140	46	-	1	2	6	1	50	1	39	1,932	237	13	6,524	6,294
28 Nevada-----	1,656	42	14	-	-	-	-	-	2	4	3	170	25	1	732	710
29 New Hampshire-----	6,092	63	21	2	-	-	-	3	10	4	9	945	122	5	3,466	3,362
30 New Jersey-----	46,854	1,241	236	1	3	3	6	17	115	9	116	7,853	995	41	26,166	25,459
31 New Mexico-----	5,724	320	43	3	48	2	11	2	10	16	15	505	42	12	1,605	1,511
32 New York-----	154,926	4,389	763	5	27	12	27	71	318	39	315	26,214	2,906	199	85,292	83,359
33 North Carolina-----	31,085	1,046	183	3	36	26	35	33	12	69	124	3,211	406	49	15,181	14,407
34 North Dakota-----	5,148	61	17	1	4	2	2	5	23	7	23	660	106	6	2,501	2,417
35 Ohio-----	60,188	1,988	550	7	16	13	29	68	97	21	225	11,787	1,802	79	42,176	41,005
36 Oklahoma-----	18,854	501	112	3	25	8	7	9	106	30	85	2,485	293	33	9,015	8,562
37 Oregon-----	13,949	200	82	1	11	8	5	7	22	6	36	2,048	186	21	7,517	7,130
38 Pennsylvania-----	107,840	2,661	482	4	18	14	43	70	78	56	275	15,960	2,085	158	59,775	58,163
39 Rhode Island-----	7,997	165	50	-	-	-	2	5	1	4	17	1,338	309	4	4,398	4,245
40 South Carolina-----	17,400	491	143	7	15	21	29	9	10	16	76	1,661	243	41	8,440	8,030
41 South Dakota-----	5,674	120	18	2	2	2	2	2	26	3	23	777	126	5	2,622	2,747
42 Tennessee-----	29,955	1,299	167	11	75	31	43	26	41	50	158	3,482	303	67	13,351	12,651
43 Texas-----	63,348	2,406	464	18	535	60	44	36	194	92	342	7,739	820	138	26,565	25,265
44 Utah-----	5,022	54	10	1	3	5	1	7	9	2	19	591	65	11	2,361	2,285
45 Vermont-----	4,154	96	13	-	2	-	-	1	3	6	6	607	81	9	2,320	2,263
46 Virginia-----	29,262	981	230	7	46	11	33	35	16	46	113	3,237	377	47	14,861	14,179
47 Washington-----	22,560	469	131	-	6	1	4	18	38	9	56	3,246	341	32	11,807	11,518
48 West Virginia-----	17,431	561	137	5	32	9	39	33	17	9	76	2,032	309	42	7,869	7,510
49 Wisconsin-----	32,987	469	115	1	8	1	2	16	67	32	98	5,094	628	50	18,091	17,620
50 Wyoming-----	2,405	25	20	-	-	-	-	2	6	-	9	250	31	3	1,082	1,039

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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UNITED STATES, AND EACH STATE, 1949

under causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

Vas- cular lesions af- fecting central nervous system	Rheu- matic fever	Dis- eases of heart	Hyper- tension without men- tion of heart and gen- eral arteri- oscle- rosis	Other dis- eases of cir- cu- la- tory system	Chronic and un- spec- ified nephri- tis and other renal scle- rosis	Infl- uen- za and pneu- monia, ex- cept pneu- monia of newborn	Ulcer of stom- ach and duo- denum	Gastritis, duo- denitis, and colitis, ex- cept diar- rhea of newborn	Cir- rho- sis of liver	Acute nephri- tis and nephri- tis with edema, in- clud- ing ne- phros- is	Deliveries and com- pli- ca- tions of preg- nancy, child- birth, and the puerperium	Con- gen- ital mal- for- ma- tions	Sym- ptoms, senil- ity, and ill- de- fined con- di- tions	Motor- ve- hicle acci- dents	All other acci- dents	Suicide	Homi- cide	All other causes	
330-334	400- 402	410-443	444-450	451-468	592-594	480-493	540, 541	543, 571,572	581	590,591	640-689	750-759	780-795	E810- E835	E800- E802, E840- E862	E983, E970- E979	E964, E980- E985	Resid- ual	
149,953	2,304	518,568	42,625	7,048	25,935	44,640	7,809	9,970	13,684	3,597	3,216	18,864	23,520	51,701	58,405	16,993	8,033	163,391	1
2,993	52	7,567	574	113	749	1,204	94	242	152	104	159	545	1,557	682	1,028	189	422	3,689	2
438	18	1,600	152	39	85	267	41	202	56	23	30	106	283	299	336	86	43	1,196	3
1,607	24	4,561	447	58	482	804	62	163	102	75	80	197	611	366	615	150	151	1,961	4
9,960	108	37,814	3,586	621	1,240	2,861	725	524	1,782	189	157	1,248	299	3,057	3,469	1,836	484	10,464	5
1,136	30	4,227	364	90	222	684	106	119	85	30	20	206	61	328	563	219	65	1,760	6
1,840	22	7,578	512	104	232	373	96	64	237	26	25	233	75	225	616	239	38	1,765	7
272	8	1,363	102	12	84	98	12	21	21	7	4	41	20	82	119	41	25	361	8
725	10	3,148	215	65	120	223	54	40	133	18	15	133	25	93	366	107	89	1,074	9
2,957	38	9,012	720	158	602	780	130	167	263	80	107	294	949	703	1,108	360	333	3,074	10
3,886	57	8,616	762	130	930	1,214	128	272	176	190	171	381	963	760	1,200	289	430	3,906	11
465	17	1,554	99	19	101	137	39	15	15	9	14	73	112	177	307	64	17	609	12
7,989	81	36,513	2,367	349	2,055	2,060	563	406	953	195	129	1,076	310	1,766	3,400	991	416	9,239	13
4,842	62	14,296	1,557	157	758	1,100	189	274	292	95	60	527	258	1,145	1,625	532	123	2,321	14
3,502	26	9,565	932	138	476	739	130	90	145	36	51	366	219	597	1,076	339	23	2,964	15
2,446	31	6,553	701	100	421	483	120	87	107	57	24	215	198	506	636	242	47	2,210	16
3,015	54	8,726	891	101	593	1,314	132	464	193	85	89	398	505	710	1,249	291	245	3,432	17
2,152	29	7,898	517	96	481	1,018	92	189	157	84	93	549	410	520	1,038	178	239	3,135	18
1,232	12	3,669	370	48	164	310	49	53	67	22	21	130	101	160	425	145	15	1,084	19
1,943	34	8,833	608	101	357	558	93	116	224	58	28	371	56	463	895	301	150	2,538	20
5,522	60	20,747	1,638	255	660	1,239	350	196	555	87	59	612	141	497	1,940	534	46	4,715	21
5,659	73	19,903	1,565	303	973	1,663	334	339	533	138	97	942	573	1,490	2,317	645	217	6,591	22
3,545	47	9,789	1,110	190	280	790	134	115	197	50	42	451	266	572	1,249	321	29	3,195	23
2,130	88	5,397	441	58	660	865	77	207	95	113	156	187	2,593	447	801	144	355	2,474	24
4,845	82	15,881	1,266	241	1,111	1,544	197	222	403	151	76	518	597	828	1,841	482	228	4,711	25
599	9	1,993	205	30	98	162	31	26	38	25	13	85	145	165	419	95	21	714	26
1,547	25	4,247	413	62	230	367	71	55	99	19	26	166	204	264	621	163	22	1,438	27
134	3	537	24	12	22	36	13	5	16	3	4	15	53	95	119	49	19	236	28
658	6	2,328	341	29	104	153	30	19	37	12	8	92	45	77	228	87	9	645	29
4,624	65	19,180	1,389	201	707	1,061	291	181	522	83	65	465	152	620	1,438	616	145	4,413	30
296	21	1,063	97	14	92	327	15	220	34	12	30	107	670	297	314	61	51	954	31
13,412	284	64,762	4,264	637	1,933	4,213	1,047	527	2,097	197	200	1,801	709	1,973	3,421	1,637	436	14,091	32
3,814	102	9,582	757	152	774	1,280	106	345	137	119	126	615	838	966	1,303	289	372	4,257	33
576	12	1,628	178	23	84	163	23	32	27	13	9	85	124	145	279	48	2	771	34
9,340	115	28,273	2,839	436	1,173	2,120	433	453	832	177	102	1,089	885	1,772	3,074	945	353	9,125	35

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM 64 SELECTED CAUSES, IN INSTITUTIONS

(Exclusive of fetal deaths and of deaths among armed forces overseas. Numbers after causes)

Abbreviated List number	CAUSE OF DEATH	Total	Deaths not in institutions
1	ALL CAUSES-----	1,445,607	726,797
2	Tuberculosis, all forms-----001-019	38,100	11,375
3 B 1	Tuberculosis of respiratory system-----001-006	35,998	10,747
4 B 2	Tuberculosis, other forms-----010-019	3,112	628
5 B 3	Syphilis and its sequelae-----020-029	8,581	2,707
6 B 4	Typhoid fever-----040	161	47
7 B 5	Cholera-----043	-	-
8 B 6	Dysentery, all forms-----045-048	1,440	780
9 B 7	Scarlet fever and streptococcal sore throat-----050,051	486	222
10 B 8	Diphtheria-----055	574	171
11 B 9	Whooping cough-----056	727	406
12 B 10	Meningococcal infections-----057	917	139
13 B 11	Plague-----058	1	-
14 B 12	Acute poliomyelitis-----080	2,720	182
15 B 13	Smallpox-----084	2	2
16 B 14	Measles-----085	949	531
17 B 15	Typhus and other rickettsial diseases-----100-108	73	16
18 B 16	Malaria-----110-117	118	86
19 B 17	All other infective and parasitic diseases-----030-039,041,042,044,049,052-054,059-074,081-083,086-096,120-139	3,930	1,110
20 B 18	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	206,325	88,132
21	Malignant neoplasm of buccal cavity and pharynx-----140-148	5,074	2,458
22	Malignant neoplasm of digestive organs and peritoneum-----150-156A,157-159	82,281	39,909
23	Malignant neoplasm of respiratory system-----160-164	19,518	8,403
24	Malignant neoplasm of breast-----170	18,553	10,228
25	Malignant neoplasm of genital organs-----171-179	34,545	16,055
26	Malignant neoplasm of urinary organs-----180,181	9,859	4,383
27	Malignant neoplasm of other and unspecified sites-----156B,165,190-199	21,065	9,624
28	Leukemia and leukemias-----204	8,102	2,324
29	Lymphosarcoma and other neoplasms of lymphatic and hematopoietic tissues-----200-203,205	7,329	2,748
30 B 19	Benign neoplasms and neoplasms of unspecified nature-----210-239	5,861	1,429
31 B 20	Diabetes mellitus-----260	25,089	11,308
32 B 21	Anemias-----290-293	4,446	2,073
33 B 23	Meningitis, except meningococcal and tuberculous-----340	2,147	315
34	Major cardiovascular-renal diseases-----330-334,400-469,592-594	746,434	430,369
35	Diseases of cardiovascular system-----330-334,400-468	720,499	424,164
36 B 22	Vascular lesions affecting central nervous system-----330-334	149,953	78,980
37 B 24	Rheumatic fever-----400-402	2,304	820
38	Diseases of heart-----410-443	518,568	318,540
39 B 25	Chronic rheumatic heart disease-----410-416	20,454	10,255
40 B 26 pt.	Arteriosclerotic heart disease, including coronary disease-----420	299,109	186,896
41 B 26 pt.	Nonrheumatic chronic endocarditis and other myocardial degeneration-----421,422	91,401	59,151
42 B 27	Other diseases of heart-----430-434	25,816	16,632
43 B 28	Hypertension with heart disease-----440-443	83,808	46,626
44 B 29	Hypertension without mention of heart-----444-447	12,199	6,262
45 B 46 pt.	General arteriosclerosis-----450	30,426	16,230
46 B 46 pt.	Other diseases of circulatory system-----451-468	7,049	2,312
47 B 39 pt.	Chronic and unspecified nephritis and other renal scleroses-----592-594	25,935	14,205
48	Influenza and pneumonia, except pneumonia of newborn-----480-493	44,640	20,742
49 B 30	Influenza-----480-483	4,802	3,439
50 B 31	Pneumonia, except pneumonia of newborn-----490-493	40,038	17,303
51 B 32	Bronchitis-----500-502	3,284	1,855
52 B 33	Ulcer of stomach and duodenum-----540,541	7,909	1,351
53 B 34	Appendicitis-----550-553	3,744	281
54 B 35	Hernia and intestinal obstruction-----560,561,570	9,954	1,493
55 B 36	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	9,970	3,806
56 B 37	Cirrhosis of liver-----581	13,694	4,343
57 B 38 pt.	Acute nephritis and nephritis with edema, including nephrosis-----590,591	3,597	1,564
58 B 39	Hypertrophy of prostate-----610	6,860	1,750
59 B 40	Deliveries and complications of pregnancy, childbirth, and the puerperium-----640-689	3,216	669
60	Abortion-----650-652	394	82
61	All other complications-----640-649,660-689	2,822	587
62 B 41	Congenital malformations-----750-759	16,954	4,176
63	Certain diseases of early infancy-----760-776	64,179	9,020
64 B 42	Birth injuries, postnatal asphyxia, and atelectasis-----760-762	29,553	2,116
65 B 43	Infections of newborn-----763-768	4,471	1,312
66 B 44	Other diseases peculiar to early infancy and immaturity unqualified-----769-776	34,155	5,592
67 B 45	Symptoms, senility, and ill-defined conditions-----780-795	23,520	19,427
68 B 46 pt.	All other diseases-----Residual	65,147	25,265
69	Accidents-----E800-E962	90,106	45,252
70 BE 47	Motor-vehicle accidents-----E810-E835	31,701	15,802
71 BE 48	All other accidents-----E800-E802,E840-E962	58,405	29,450
72 BE 49	Suicide-----E963,E970-E979	16,993	13,498
73 BE 50 pt.	Homicide-----E964,E960-E985	8,033	4,898
74 BE 50 pt.	Injury resulting from operations of war-----E865,E980-E999	16	7

¹Abbreviated List of 50 Causes for Tabulation of Mortality, International Statistical Classification of Diseases, Injuries, and Causes of Death, adopted 1948.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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BY TYPE OF INSTITUTION: UNITED STATES, 1949

of death are category numbers of the Sixth Revision of the International Lists, 1948)

DEATHS IN INSTITUTIONS										
All institutions	General hospitals	Maternity hospitals	Children's hospitals	Tuberculosis hospitals	Special and other hospitals (except mental)	Mental institutions	Convalescent, etc., homes	Other institutions	Institutions of unspecified type	
714,810	569,867	2,249	5,776	15,627	8,626	45,637	22,783	41,841	6,404	1
27,725	11,645	4	105	11,501	422	3,222	164	470	192	2
25,241	9,679	4	37	11,261	363	3,124	148	435	180	3
2,484	1,966	-	68	240	59	98	16	35	12	4
5,874	3,411	7	5	28	61	2,009	58	272	23	5
114	105	-	1	1	1	6	-	1	2	6
-	-	-	-	-	-	-	-	-	-	7
660	540	5	9	2	2	78	4	3	19	8
264	221	1	3	1	1	24	2	3	8	9
405	348	1	17	2	7	12	1	2	13	10
321	261	3	12	3	34	-	-	-	8	11
778	691	-	31	6	40	5	1	2	2	12
1	-	-	-	1	-	-	-	-	-	13
2,538	2,029	-	86	28	360	5	1	2	25	14
-	-	-	-	-	-	-	-	-	-	15
418	345	-	5	4	26	28	-	6	4	16
57	55	-	-	-	-	1	-	-	1	17
32	27	-	1	-	-	3	-	1	-	18
2,920	2,418	3	61	18	46	160	33	56	25	19
108,193	91,960	66	357	626	2,464	2,264	3,605	6,094	757	20
2,616	1,947	1	-	17	134	65	114	316	22	21
42,372	36,502	16	7	136	724	856	1,458	2,362	311	22
11,115	9,471	2	4	278	294	200	249	551	66	23
6,325	6,690	12	1	32	257	258	432	577	66	24
16,490	13,611	24	3	64	375	360	727	1,175	131	25
5,476	4,717	1	14	18	110	89	182	317	29	26
11,441	9,615	6	87	49	294	324	351	632	83	27
5,778	5,227	2	218	14	128	46	31	79	33	28
4,580	4,180	2	23	18	148	47	61	85	16	29
4,432	3,974	8	44	13	69	155	65	69	35	30
13,781	11,923	12	6	40	114	495	439	630	121	31
2,373	1,937	1	22	1	15	119	102	154	22	32
1,632	1,642	3	71	5	38	40	4	11	18	33
308,065	230,154	164	204	653	3,486	26,876	15,350	28,202	2,777	34
296,335	220,268	155	161	634	3,398	26,525	14,868	27,477	2,649	35
70,973	52,811	38	38	191	857	5,381	4,590	6,394	681	36
1,484	1,345	3	46	9	26	26	8	14	9	37
199,028	149,768	111	61	567	2,194	17,927	8,604	18,044	1,752	38
10,199	9,054	5	25	32	95	307	189	442	70	39
112,213	87,911	46	15	511	1,327	9,200	3,828	8,626	949	40
32,250	17,524	27	16	106	407	6,042	2,410	5,418	300	41
7,184	5,747	4	3	29	34	384	275	600	108	42
37,182	29,552	29	2	89	331	1,994	1,902	2,958	325	43
5,917	4,895	1	1	7	46	214	306	395	52	44
14,196	7,253	9	1	49	242	2,754	1,295	2,489	125	45
4,737	4,216	1	14	16	31	223	65	141	30	46
11,730	9,886	9	43	19	69	350	482	725	128	47
23,898	18,295	33	225	65	222	2,958	614	1,250	236	48
1,163	930	1	8	1	6	66	39	94	18	49
22,735	17,365	32	217	64	216	2,992	373	1,156	218	50
1,429	1,141	1	44	12	11	70	46	93	11	51
6,459	6,049	1	4	21	31	177	24	110	41	52
3,463	3,311	5	19	13	6	53	7	16	33	53
8,361	7,705	13	84	11	19	306	46	113	65	54
6,164	5,547	18	189	25	25	184	35	84	77	55
9,351	8,678	3	14	18	91	186	92	221	48	56
2,033	1,818	1	31	5	9	68	28	48	25	57
5,110	4,766	-	-	4	19	96	83	120	22	58
2,547	2,417	51	1	2	2	7	4	7	56	59
312	300	1	-	1	1	-	-	2	7	60
2,235	2,117	50	1	1	1	7	4	5	49	61
12,666	12,699	225	615	9	122	286	103	68	149	62
55,159	51,825	1,508	851	24	43	19	128	82	679	63
23,457	22,054	729	276	9	12	9	57	22	269	64
3,159	2,887	50	199	4	10	-	7	6	37	65
28,563	26,884	729	417	11	21	10	64	54	373	66
4,093	2,794	13	26	9	19	284	307	575	67	67
39,882	32,085	55	307	225	478	3,715	918	1,777	322	68
44,854	41,116	39	123	29	251	1,436	501	913	446	69
16,099	15,637	18	19	9	76	36	16	89	197	70
28,755	25,479	21	104	20	173	1,400	485	824	249	71
3,485	2,912	3	1	18	70	235	13	214	29	72
3,137	2,819	2	-	4	27	43	5	191	46	73
9	6	-	-	-	-	2	-	1	-	74

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
1	ALL CAUSES-----	1,445,607	111,531	8,106	5,020	3,139	2,422	130,218	8,738	6,979	11,988
2	Male----	821,291	64,161	4,399	2,844	1,742	1,377	74,523	5,207	4,336	7,694
3	Female--	622,316	47,370	3,707	2,176	1,397	1,045	55,695	3,531	2,643	4,294
4	White-----Male----	726,169	51,530	3,452	2,352	1,409	1,142	59,885	4,403	3,582	6,223
5	Female--	542,679	37,477	2,929	1,788	1,103	849	44,128	2,887	2,131	3,078
6	Negro-----Male----	90,765	11,904	853	453	309	217	13,736	754	697	1,388
7	Female--	77,302	9,308	692	370	287	181	10,819	607	484	1,134
8	Other-----Male----	4,357	727	94	39	24	18	932	50	57	63
9	Female--	2,335	584	86	38	27	15	750	37	28	62
10	I.--Infective and parasitic diseases-----	59,779	3,340	1,270	802	500	388	8,300	1,424	926	1,617
11	White-----Male----	29,770	1,316	481	326	204	173	3,503	695	405	465
12	Female--	14,357	1,066	482	304	176	149	2,177	494	336	430
13	Negro-----Male----	9,209	465	136	73	55	30	761	107	86	261
14	Female--	6,229	396	119	72	43	25	645	105	91	396
15	Other-----Male----	615	50	26	10	7	6	99	13	16	26
16	Female--	399	57	24	17	15	5	118	10	12	39
17	001-019 Tuberculosis, all forms-----	39,100	279	375	234	134	86	1,110	248	223	1,064
18	White-----Male----	16,804	96	113	71	41	36	359	84	47	189
19	Female--	6,854	82	135	80	42	29	368	69	66	256
20	Negro-----Male----	6,179	37	52	31	21	7	149	38	28	222
21	Female--	4,424	39	43	36	19	7	144	43	61	355
22	Other-----Male----	475	15	17	6	2	4	44	10	12	25
23	Female--	304	10	15	10	9	3	47	4	9	37
24	001-009 Tuberculosis of respiratory system-----	35,988	125	115	72	48	29	397	91	151	929
25	White-----Male----	17,775	41	31	19	18	12	121	22	24	143
26	Female--	7,977	30	34	24	10	6	105	22	43	232
27	Negro-----Male----	5,615	20	16	14	10	4	64	23	20	191
28	Female--	3,862	17	15	9	6	2	49	20	51	314
29	Other-----Male----	404	9	8	2	1	2	22	3	8	15
30	Female--	259	6	11	5	3	1	25	1	5	34
31	010 Tuberculosis of meninges and central nervous system-----	1,098	81	190	122	69	42	504	115	54	56
32	White-----Male----	362	27	60	40	20	23	170	47	15	10
33	Female--	342	29	72	44	25	12	182	34	20	14
34	Negro-----Male----	160	7	27	14	8	2	56	12	6	11
35	Female--	163	11	21	16	10	3	61	14	5	13
36	Other-----Male----	42	4	8	3	1	1	17	6	4	6
37	Female--	29	3	5	5	1	1	16	2	4	2
38	011 Tuberculosis of intestines, peritoneum, and mesenteric glands-----	267	8	7	4	-	2	21	5	2	16
39	White-----Male----	74	3	2	3	-	-	6	1	-	3
40	Female--	79	2	3	-	-	1	6	-	-	2
41	Negro-----Male----	56	-	1	1	-	-	2	1	-	4
42	Female--	51	2	-	-	-	-	2	3	-	7
43	Other-----Male----	2	-	-	-	-	-	-	-	-	-
44	Female--	6	1	1	-	-	1	3	-	-	-
45	012.0,013.0 Tuberculosis of vertebral column-----	233	2	-	-	1	2	5	3	3	11
46	White-----Male----	83	-	-	-	-	1	1	1	1	1
47	Female--	64	1	-	-	1	-	2	1	1	1
48	Negro-----Male----	46	-	-	-	-	-	-	-	-	4
49	Female--	28	1	-	-	-	1	2	1	1	3
50	Other-----Male----	9	-	-	-	-	-	-	-	-	2
51	Female--	1	-	-	-	-	-	-	-	-	-
52	012.1- Tuberculosis of other bones and joints-----	85	-	-	1	3	1	5	4	3	3
53	012.3, White-----Male----	41	-	-	-	1	1	2	3	2	-
54	013.1- Female--	24	-	-	-	1	-	1	-	1	1
55	013.3 Negro-----Male----	10	-	-	-	1	-	1	-	-	1
56	Female--	7	-	-	1	-	-	1	-	-	-
57	Other-----Male----	2	-	-	-	-	-	-	1	-	-
58	Female--	1	-	-	-	-	-	-	-	-	1
59	016 Tuberculosis of genito-urinary system-----	298	1	-	-	-	-	1	1	2	5
60	White-----Male----	170	1	-	-	-	-	1	-	2	4
61	Female--	85	-	-	-	-	-	-	-	-	-
62	Negro-----Male----	15	-	-	-	-	-	-	-	-	1
63	Female--	15	-	-	-	-	-	-	-	-	-
64	Other-----Male----	2	-	-	-	-	-	-	-	-	-
65	Female--	1	-	-	-	-	-	-	1	-	-
66	014,015, Tuberculosis of lymphatic system and other organs-----	185	1	2	3	1	2	9	1	-	8
67	017,018 White-----Male----	59	1	-	1	-	1	3	1	-	1
68	Female--	80	-	1	-	1	-	2	-	-	1
69	Negro-----Male----	24	-	1	-	-	-	1	-	-	2
70	Female--	18	-	-	1	-	-	1	-	-	3
71	Other-----Male----	4	-	-	1	-	-	1	-	-	1
72	Female--	-	-	-	-	-	-	-	-	-	-
73	019 Disseminated tuberculosis-----	976	63	61	32	12	10	178	28	8	36
74	White-----Male----	322	23	20	8	2	-	53	10	1	7
75	Female--	203	20	25	12	4	8	68	11	1	5
76	Negro-----Male----	253	10	7	2	2	1	22	2	2	6
77	Female--	180	8	7	10	3	1	29	5	4	15
78	Other-----Male----	10	2	1	-	-	-	3	-	-	1
79	Female--	8	-	1	-	1	-	2	-	-	-
80	020-029 Syphilis and its sequelae-----	8,581	300	7	2	5	-	314	4	5	27
81	White-----Male----	4,221	57	1	1	-	-	59	1	-	9
82	Female--	1,342	33	-	-	1	-	34	1	2	3
83	Negro-----Male----	2,009	98	3	1	3	-	105	2	1	6
84	Female--	917	64	3	-	1	-	69	-	-	7
85	Other-----Male----	71	13	-	-	-	-	13	-	1	-
86	Female--	21	15	-	-	-	-	15	-	1	-
87	020 Congenital syphilis-----	352	296	6	1	4	-	307	3	2	11
88	White-----Male----	72	57	1	-	-	-	56	1	-	4
89	Female--	52	33	-	-	1	-	34	1	1	2
90	Negro-----Male----	112	97	2	1	2	-	102	1	-	5
91	Female--	87	81	3	-	1	-	85	-	-	-
92	Other-----Male----	14	13	-	-	-	-	13	-	1	-
93	Female--	15	15	-	-	-	-	15	-	-	-

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
I.—Infective and parasitic diseases—Continued											
Syphilis and its sequelae—Continued											
94	021	Early syphilis-----	7	-	-	-	-	-	-	-	-
95		White-----Male-----	5	-	-	-	-	-	-	-	-
96		Female-----	1	-	-	-	-	-	-	-	-
97		Negro-----Male-----	1	-	-	-	-	-	-	-	-
98		Female-----	2	-	-	-	-	-	-	-	-
99		Other-----Male-----	-	-	-	-	-	-	-	-	-
100		Female-----	-	-	-	-	-	-	-	-	-
101	022	Aneurysm of aorta-----	2,557	-	-	-	-	-	-	1	1
102		White-----Male-----	1,424	-	-	-	-	-	-	-	1
103		Female-----	451	-	-	-	-	-	-	1	-
104		Negro-----Male-----	330	-	-	-	-	-	-	-	-
105		Female-----	144	-	-	-	-	-	-	-	-
106		Other-----Male-----	8	-	-	-	-	-	-	-	-
107		Female-----	-	-	-	-	-	-	-	-	-
108	023	Other cardiovascular syphilis-----	2,578	-	-	-	-	-	-	-	2
109		White-----Male-----	1,204	-	-	-	-	-	-	-	-
110		Female-----	350	-	-	-	-	-	-	-	1
111		Negro-----Male-----	715	-	-	-	-	-	-	-	1
112		Female-----	285	-	-	-	-	-	-	-	-
113		Other-----Male-----	21	-	-	-	-	-	-	-	-
114		Female-----	1	-	-	-	-	-	-	-	-
115	024	Tabes dorsalis-----	208	-	-	-	-	-	1	-	-
116		White-----Male-----	138	-	-	-	-	-	-	-	-
117		Female-----	35	-	-	-	-	-	-	-	-
118		Negro-----Male-----	23	-	-	-	-	-	1	-	-
119		Female-----	8	-	-	-	-	-	-	-	-
120		Other-----Male-----	3	-	-	-	-	-	-	-	-
121		Female-----	1	-	-	-	-	-	-	-	-
122	025	General paralysis of insane-----	1,774	-	-	-	-	-	-	-	4
123		White-----Male-----	817	-	-	-	-	-	-	-	1
124		Female-----	251	-	-	-	-	-	-	-	-
125		Negro-----Male-----	492	-	-	-	-	-	-	-	-
126		Female-----	199	-	-	-	-	-	-	-	5
127		Other-----Male-----	15	-	-	-	-	-	-	-	-
128		Female-----	-	-	-	-	-	-	-	-	-
129	026	Other syphilis of central nervous system-----	941	1	-	-	-	1	-	-	7
130		White-----Male-----	421	-	-	-	-	-	-	-	3
131		Female-----	135	-	-	-	-	-	-	-	-
132		Negro-----Male-----	248	-	-	-	-	-	-	-	2
133		Female-----	128	1	-	-	-	1	-	-	2
134		Other-----Male-----	7	-	-	-	-	-	-	-	-
135		Female-----	2	-	-	-	-	-	-	-	-
136	027-029	Other syphilis-----	588	3	1	1	1	6	2	2	2
137		White-----Male-----	142	-	-	1	-	1	-	-	1
138		Female-----	67	-	-	-	-	-	-	-	-
139		Negro-----Male-----	88	1	1	-	1	3	-	1	-
140		Female-----	64	2	-	-	-	2	-	-	1
141		Other-----Male-----	3	-	-	-	-	-	-	-	-
142		Female-----	2	-	-	-	-	-	-	1	-
143	030-035	Gonococcal infection-----	66	4	-	-	-	4	-	-	6
144		White-----Male-----	10	-	-	-	-	-	-	-	1
145		Female-----	9	1	-	-	-	1	-	-	1
146		Negro-----Male-----	20	1	-	-	-	1	-	-	-
147		Female-----	26	2	-	-	-	2	-	-	4
148		Other-----Male-----	1	-	-	-	-	-	-	-	-
149		Female-----	-	-	-	-	-	-	-	-	-
150	040	Typhoid fever-----	161	9	4	3	4	20	9	7	11
151		White-----Male-----	66	4	3	1	2	10	1	1	4
152		Female-----	49	4	-	2	1	7	2	1	1
153		Negro-----Male-----	21	1	-	-	-	1	1	4	3
154		Female-----	20	-	1	-	1	2	3	1	2
155		Other-----Male-----	5	-	-	-	-	-	1	-	1
156		Female-----	-	-	-	-	-	-	-	-	-
157	041	Paratyphoid fever-----	15	1	1	-	-	2	-	1	-
158		White-----Male-----	7	-	1	-	-	1	-	1	-
159		Female-----	6	-	-	-	-	-	-	-	-
160		Negro-----Male-----	1	1	-	-	-	1	-	-	-
161		Female-----	1	-	-	-	-	-	-	-	-
162		Other-----Male-----	-	-	-	-	-	-	-	-	-
163		Female-----	-	-	-	-	-	-	-	-	-
164	042	Other Salmonella infections-----	22	9	2	3	1	13	2	-	-
165		White-----Male-----	6	1	1	1	-	3	1	-	-
166		Female-----	6	2	-	-	-	2	-	-	-
167		Negro-----Male-----	6	3	1	1	-	5	-	-	-
168		Female-----	2	2	-	-	-	2	-	-	-
169		Other-----Male-----	-	-	-	-	-	-	-	-	-
170		Female-----	2	-	-	-	1	1	1	-	-
171	043	Cholera-----	-	-	-	-	-	-	-	-	-
172		White-----Male-----	-	-	-	-	-	-	-	-	-
173		Female-----	-	-	-	-	-	-	-	-	-
174		Negro-----Male-----	-	-	-	-	-	-	-	-	-
175		Female-----	-	-	-	-	-	-	-	-	-
176		Other-----Male-----	-	-	-	-	-	-	-	-	-
177		Female-----	-	-	-	-	-	-	-	-	-
178	044	Brucellosis (undulant fever)-----	68	-	-	1	-	1	-	2	2
179		White-----Male-----	41	-	-	-	-	-	-	-	-
180		Female-----	20	-	-	1	-	1	-	1	1
181		Negro-----Male-----	4	-	-	-	-	-	-	1	-
182		Female-----	3	-	-	-	-	-	-	-	1
183		Other-----Male-----	-	-	-	-	-	-	-	-	-
184		Female-----	-	-	-	-	-	-	-	-	-
185	045-048	Dysentery, all forms-----	1,440	363	125	28	24	8	1,067	21	9
186		White-----Male-----	611	370	51	12	11	4	448	15	5
187		Female-----	531	330	53	12	7	2	404	3	3
188		Negro-----Male-----	153	88	6	1	4	-	99	1	1
189		Female-----	117	79	9	-	1	2	91	2	-
190		Other-----Male-----	15	7	3	2	1	-	13	-	-
191		Female-----	13	3	3	1	-	-	12	-	-

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	
I.—Infective and parasitic diseases—Continued												
192	050	Scarlet fever-----	39	-	1	2	3	5	11	7	5	5
193		White-----Male-----	16	-	-	1	2	-	3	4	3	3
194		Female-----	18	-	-	-	-	3	6	1	2	2
195		Negro-----Male-----	3	-	1	1	1	1	1	1	-	-
196		Female-----	2	-	-	-	-	1	1	-	-	-
197		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
198		Female-----	-	-	-	-	-	-	-	-	-	-
199	051	Streptococcal sore throat-----	447	61	30	18	11	13	133	44	30	24
200		White-----Male-----	189	23	15	10	5	7	60	21	10	8
201		Female-----	188	23	12	6	5	2	48	16	16	10
202		Negro-----Male-----	36	5	2	1	1	3	12	4	-	5
203		Female-----	39	10	-	-	-	1	11	3	3	1
204		Other-----Male-----	1	-	-	-	-	-	-	-	-	-
205		Female-----	3	-	1	1	-	-	2	-	1	-
206	052	Erysipelas-----	65	6	-	-	-	-	6	-	2	-
207		White-----Male-----	29	2	-	-	-	-	2	-	1	-
208		Female-----	35	3	-	-	-	-	3	-	1	-
209		Negro-----Male-----	1	-	-	-	-	-	-	-	-	-
210		Female-----	2	1	-	-	-	-	1	-	-	-
211		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
212		Female-----	-	-	-	-	-	-	-	-	-	-
213	053	Septicemia and pyemia-----	587	164	37	17	5	6	229	14	19	14
214		White-----Male-----	282	80	20	9	1	3	113	7	5	5
215		Female-----	206	55	15	7	2	1	90	5	7	6
216		Negro-----Male-----	45	16	-	-	1	1	18	2	2	-
217		Female-----	46	9	2	1	1	-	13	-	4	3
218		Other-----Male-----	4	1	-	-	-	-	2	-	-	-
219		Female-----	4	3	-	-	-	-	3	-	-	-
220	055	Diphtheria-----	574	41	55	75	75	69	325	130	21	7
221		White-----Male-----	248	17	25	33	30	26	131	46	8	3
222		Female-----	217	14	22	30	28	31	125	53	8	4
223		Negro-----Male-----	51	5	7	5	11	7	35	14	1	-
224		Female-----	49	3	9	6	6	4	28	16	4	-
225		Other-----Male-----	5	2	1	-	-	-	3	-	-	-
226		Female-----	4	1	1	-	-	-	3	-	-	-
227	056	Whooping cough-----	727	524	114	36	27	10	711	10	2	-
228		White-----Male-----	230	181	24	8	4	4	225	2	1	-
229		Female-----	269	136	46	16	10	4	262	5	1	-
230		Negro-----Male-----	104	80	15	5	3	1	104	-	-	-
231		Female-----	114	69	26	7	5	1	110	3	-	-
232		Other-----Male-----	5	3	-	-	-	-	5	-	-	-
233		Female-----	5	3	1	-	1	-	5	-	-	-
234	057	Meningococcal infections-----	917	237	131	102	34	25	529	76	46	40
235		White-----Male-----	459	129	69	58	18	11	265	31	16	22
236		Female-----	331	73	52	38	12	12	167	37	22	9
237		Negro-----Male-----	77	22	6	2	3	1	34	7	5	7
238		Female-----	46	10	5	4	1	1	19	1	1	2
239		Other-----Male-----	2	1	1	-	-	-	2	-	-	-
240		Female-----	2	2	-	-	-	-	2	-	-	-
241	058	Plague-----	1	-	-	-	-	-	-	1	-	-
242		White-----Male-----	1	-	-	-	-	-	-	1	-	-
243		Female-----	-	-	-	-	-	-	-	-	-	-
244		Negro-----Male-----	-	-	-	-	-	-	-	-	-	-
245		Female-----	-	-	-	-	-	-	-	-	-	-
246		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
247		Female-----	-	-	-	-	-	-	-	-	-	-
248	059	Tularemia-----	18	-	-	-	-	-	-	-	-	2
249		White-----Male-----	7	-	-	-	-	-	-	-	-	-
250		Female-----	3	-	-	-	-	-	-	-	-	-
251		Negro-----Male-----	4	-	-	-	-	-	-	-	-	2
252		Female-----	4	-	-	-	-	-	-	-	-	-
253		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
254		Female-----	-	-	-	-	-	-	-	-	-	-
255	060	Leprosy-----	4	-	-	-	-	-	-	-	-	-
256		White-----Male-----	3	-	-	-	-	-	-	-	-	-
257		Female-----	-	-	-	-	-	-	-	-	-	-
258		Negro-----Male-----	-	-	-	-	-	-	-	-	-	-
259		Female-----	1	-	-	-	-	-	-	-	-	-
260		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
261		Female-----	-	-	-	-	-	-	-	-	-	-
262	061	Tetanus-----	398	143	9	12	5	5	174	46	24	10
263		White-----Male-----	168	47	3	3	2	2	57	21	15	7
264		Female-----	60	19	1	3	1	2	26	7	2	1
265		Negro-----Male-----	100	46	3	6	-	1	56	11	5	1
266		Female-----	68	30	2	-	2	-	34	7	2	1
267		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
268		Female-----	1	1	-	-	-	-	1	-	-	-
269	062	Anthrax-----	-	-	-	-	-	-	-	-	-	-
270		White-----Male-----	-	-	-	-	-	-	-	-	-	-
271		Female-----	-	-	-	-	-	-	-	-	-	-
272		Negro-----Male-----	-	-	-	-	-	-	-	-	-	-
273		Female-----	-	-	-	-	-	-	-	-	-	-
274		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
275		Female-----	-	-	-	-	-	-	-	-	-	-
276	060	Acute poliomyelitis-----	2,720	118	79	109	75	78	459	526	415	309
277		White-----Male-----	1,627	66	39	57	48	46	256	334	246	192
278		Female-----	1,004	40	36	42	21	29	168	181	159	106
279		Negro-----Male-----	43	3	4	4	3	2	16	6	7	5
280		Female-----	35	5	-	4	2	1	12	5	2	5
281		Other-----Male-----	3	1	-	-	1	-	2	-	1	-
282		Female-----	8	3	-	2	-	-	5	-	-	1
283	061	Late effects of acute poliomyelitis-----	72	1	1	-	-	2	4	3	6	10
284		White-----Male-----	37	1	1	-	-	1	3	2	2	8
285		Female-----	32	-	-	-	-	1	1	1	3	2
286		Negro-----Male-----	2	-	-	-	-	-	-	-	-	-
287		Female-----	-	-	-	-	-	-	-	-	-	-
288		Other-----Male-----	-	-	-	-	-	-	-	-	-	-
289		Female-----	1	-	-	-	-	-	-	-	1	-
290	062	Acute infectious encephalitis-----	465	65	29	27	13	9	143	29	16	12
291		White-----Male-----	211	33	14	14	5	4	70	9	8	7
292		Female-----	166	24	14	7	5	3	53	15	4	3
293		Negro-----Male-----	33	5	-	2	1	1	9	2	-	-
294		Female-----	27	1	1	4	-	-	6	3	2	2
295		Other-----Male-----	6	1	-	-	1	1	3	-	2	-
296		Female-----	2	1	-	-	1	-	2	-	-	-

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
I.—Infective and parasitic diseases—Continued											
297	083	Late effects of acute infectious encephalitis-----	220	2	1	-	-	3	3	-	5
298		White-----Male-----	122	2	1	-	-	3	1	-	1
299		Female-----	86	-	-	-	-	-	1	-	1
300		Negro-----Male-----	7	-	-	-	-	-	-	-	1
301		Female-----	5	-	-	-	-	-	-	-	-
302		Other-----Male-----	-	-	-	-	-	-	-	-	-
303		Female-----	-	-	-	-	-	-	-	-	-
304	084	Smallpox-----	2	1	-	-	-	1	-	-	-
305		White-----Male-----	1	1	-	-	-	1	-	-	-
306		Female-----	1	-	-	-	-	-	-	-	-
307		Negro-----Male-----	-	-	-	-	-	-	-	-	-
308		Female-----	-	-	-	-	-	-	-	-	-
309		Other-----Male-----	-	-	-	-	-	-	-	-	-
310		Female-----	-	-	-	-	-	-	-	-	-
311	085	Measles-----	949	256	193	78	44	41	612	170	44
312		White-----Male-----	567	106	75	26	14	17	236	75	14
313		Female-----	396	89	74	39	22	19	243	70	17
314		Negro-----Male-----	87	26	26	8	2	3	65	13	5
315		Female-----	66	23	11	3	1	1	39	8	6
316		Other-----Male-----	11	3	4	1	2	-	10	1	1
317		Female-----	22	9	3	1	3	1	17	3	1
318	091	Yellow fever-----	-	-	-	-	-	-	-	-	-
319		White-----Male-----	-	-	-	-	-	-	-	-	-
320		Female-----	-	-	-	-	-	-	-	-	-
321		Negro-----Male-----	-	-	-	-	-	-	-	-	-
322		Female-----	-	-	-	-	-	-	-	-	-
323		Other-----Male-----	-	-	-	-	-	-	-	-	-
324		Female-----	-	-	-	-	-	-	-	-	-
325	092	Infectious hepatitis-----	560	29	5	5	5	5	49	8	13
326		White-----Male-----	260	16	4	1	1	4	25	3	6
327		Female-----	251	12	1	3	3	1	20	4	7
328		Negro-----Male-----	16	1	-	-	-	-	1	-	1
329		Female-----	30	-	-	1	1	-	2	1	1
330		Other-----Male-----	1	-	-	-	-	-	-	-	-
331		Female-----	2	-	-	-	-	-	-	-	-
332	094	Rabies-----	10	-	-	-	-	1	1	4	2
333		White-----Male-----	6	-	-	-	-	1	1	2	2
334		Female-----	5	-	-	-	-	-	-	1	1
335		Negro-----Male-----	1	-	-	-	-	-	-	1	-
336		Female-----	-	-	-	-	-	-	-	-	-
337		Other-----Male-----	-	-	-	-	-	-	-	-	-
338		Female-----	-	-	-	-	-	-	-	-	-
339	104	Tick-borne typhus-----	36	-	2	-	-	2	4	5	2
340		White-----Male-----	24	-	1	-	-	1	2	2	2
341		Female-----	9	-	1	-	-	1	2	2	-
342		Negro-----Male-----	2	-	-	-	-	-	-	-	-
343		Female-----	-	-	-	-	-	-	-	-	-
344		Other-----Male-----	1	-	-	-	-	-	-	1	-
345		Female-----	-	-	-	-	-	-	-	-	-
346	100-103,	Typhus, etc.,* and other rickettsial diseases-----	37	-	1	1	-	1	3	2	3
347	105-109	White-----Male-----	15	-	-	-	-	-	-	-	1
348		Female-----	8	-	-	1	-	-	1	-	1
349		Negro-----Male-----	8	-	1	-	-	-	1	-	-
350		Female-----	6	-	-	-	-	1	1	2	1
351		Other-----Male-----	-	-	-	-	-	-	-	-	-
352		Female-----	-	-	-	-	-	-	-	-	-
353	110-117	Malaria-----	118	15	1	1	2	1	20	3	1
354		White-----Male-----	41	6	-	1	-	-	7	2	-
355		Female-----	22	4	1	-	1	-	6	1	1
356		Negro-----Male-----	31	3	-	-	1	1	5	-	1
357		Female-----	24	2	-	-	-	-	2	-	1
358		Other-----Male-----	-	-	-	-	-	-	-	-	-
359		Female-----	-	-	-	-	-	-	-	-	-
360	123	Schistosomiasis-----	3	-	-	-	-	-	-	-	1
361		White-----Male-----	2	-	-	-	-	-	-	-	-
362		Female-----	1	-	-	-	-	-	-	1	-
363		Negro-----Male-----	-	-	-	-	-	-	-	-	-
364		Female-----	-	-	-	-	-	-	-	-	-
365		Other-----Male-----	-	-	-	-	-	-	-	-	-
366		Female-----	-	-	-	-	-	-	-	-	-
367	125	Hydatid disease-----	8	-	-	-	-	-	-	-	-
368		White-----Male-----	4	-	-	-	-	-	-	-	-
369		Female-----	4	-	-	-	-	-	-	-	-
370		Negro-----Male-----	-	-	-	-	-	-	-	-	-
371		Female-----	-	-	-	-	-	-	-	-	-
372		Other-----Male-----	-	-	-	-	-	-	-	-	-
373		Female-----	-	-	-	-	-	-	-	-	-
374	127	Filariasis-----	1	-	-	-	-	-	-	-	-
375		White-----Male-----	-	-	-	-	-	-	-	-	-
376		Female-----	-	-	-	-	-	-	-	-	-
377		Negro-----Male-----	-	-	-	-	-	-	-	-	-
378		Female-----	1	-	-	-	-	-	-	-	-
379		Other-----Male-----	-	-	-	-	-	-	-	-	-
380		Female-----	-	-	-	-	-	-	-	-	-
381	129	Ankylostomiasis-----	11	-	1	1	2	4	2	2	-
382		White-----Male-----	5	-	-	-	2	2	1	-	-
383		Female-----	2	-	-	-	-	-	-	-	-
384		Negro-----Male-----	2	-	1	1	-	2	-	-	-
385		Female-----	2	-	-	-	-	-	1	-	-
386		Other-----Male-----	-	-	-	-	-	-	-	-	-
387		Female-----	-	-	-	-	-	-	-	-	-
388	124,126,	Other diseases due to helminths-----	81	5	18	12	5	9	49	5	6
389	128,130	White-----Male-----	24	1	4	3	3	-	11	2	2
390		Female-----	20	1	2	3	-	4	10	1	2
391		Negro-----Male-----	15	1	7	4	-	-	12	-	1
392		Female-----	22	2	5	2	2	5	16	2	1
393		Other-----Male-----	-	-	-	-	-	-	-	-	-
394		Female-----	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

121

RACE, AND SEX: UNITED STATES, 1949—Continued

(Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
33	43	65	56	62	85	83	71	78	72	59	65	41	32	15	2	1	-	385
6	9	26	22	22	32	46	34	40	39	28	37	19	12	6	-	-	-	398
10	12	15	10	19	13	17	19	24	24	26	25	20	19	9	2	1	-	397
7	10	12	11	8	24	10	10	9	6	3	1	-	1	-	-	-	-	398
10	12	11	12	10	16	10	6	4	3	2	2	2	-	-	-	-	-	399
-	-	-	1	3	-	-	-	2	1	-	-	-	-	-	-	-	-	400
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	401
1,268	1,950	5,162	5,625	8,742	13,198	13,624	24,178	27,944	29,461	27,961	23,011	14,119	6,275	1,644	287	42	152	402
624	823	1,072	1,764	2,705	4,604	7,555	11,005	13,985	14,957	14,342	11,812	7,182	2,699	696	108	9	60	403
499	849	1,591	2,948	4,638	6,687	8,911	10,923	11,883	12,563	12,243	10,313	6,512	3,187	866	146	17	54	404
60	81	118	223	391	647	941	1,109	1,039	980	698	479	227	95	31	13	4	16	405
78	153	372	666	918	1,221	1,145	1,048	971	873	597	359	173	88	28	19	12	19	406
2	7	6	15	18	19	41	60	45	67	63	39	17	4	2	1	-	2	407
5	7	3	9	21	20	51	35	21	21	18	9	6	2	1	-	-	1	408
1,134	1,742	2,892	5,186	8,175	12,528	16,026	23,625	27,440	29,055	27,582	22,755	13,928	6,185	1,613	284	41	149	409
571	764	887	1,680	2,577	4,425	7,329	10,762	13,764	14,777	14,173	11,719	7,113	2,868	686	108	9	59	410
444	759	1,477	2,761	4,501	6,342	8,616	10,672	11,653	12,373	12,067	10,163	6,393	3,130	865	143	17	53	411
55	77	107	209	373	619	914	1,081	1,022	972	684	474	226	94	31	13	4	16	412
58	129	312	542	805	1,105	1,094	1,016	938	847	590	352	173	87	28	19	11	18	413
2	8	6	15	18	41	59	42	21	21	18	9	6	2	1	-	-	2	414
4	7	3	9	21	19	30	35	21	21	17	9	6	2	1	-	-	1	415
16	15	35	57	154	251	437	574	708	742	743	626	400	219	51	14	1	2	416
10	5	20	35	95	167	316	431	559	583	581	485	301	153	29	8	1	1	417
2	9	13	29	42	80	91	107	123	123	129	129	86	61	22	6	-	-	418
1	1	6	8	16	33	30	37	27	25	18	7	10	3	-	-	-	1	419
2	1	1	7	11	8	10	11	14	8	14	5	3	2	-	-	-	-	420
1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	421
-	-	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	422
-	-	1	1	10	12	24	34	54	65	62	91	76	47	11	5	-	-	423
-	-	1	1	11	19	29	49	63	59	59	85	62	43	10	4	-	-	424
-	-	1	1	1	3	4	4	3	2	3	5	14	4	1	1	1	1	425
-	-	1	-	-	-	2	1	1	-	-	1	-	-	-	-	-	-	426
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	427
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	428
-	-	2	2	29	58	111	166	205	198	186	137	78	41	9	2	-	-	429
1	1	1	5	13	34	86	123	174	149	157	96	65	24	5	1	-	-	430
-	-	1	1	12	12	28	22	22	33	26	39	11	14	4	1	-	-	431
-	-	1	1	4	9	9	9	8	12	3	1	-	-	-	-	-	-	432
-	-	1	1	1	1	4	5	1	2	1	1	2	1	1	1	1	1	433
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	434
-	-	2	4	20	38	116	137	172	186	212	178	126	75	18	6	-	-	435
2	2	6	22	40	81	95	119	135	151	151	126	91	47	10	2	1	1	436
-	-	4	4	2	18	26	31	37	43	49	48	28	25	8	4	-	-	437
-	-	4	4	3	5	8	8	10	7	6	1	6	1	-	-	-	-	438
-	-	2	2	2	2	1	3	6	1	6	3	1	-	-	-	-	-	439
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	440
-	-	6	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	441
-	-	18	37	77	116	196	237	277	295	281	220	120	58	13	1	1	1	442
7	10	22	50	82	130	184	217	236	214	178	85	39	18	4	1	1	1	443
1	4	6	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	444
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	445
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	446
117	271	540	1,162	2,032	3,611	5,025	8,797	11,490	13,053	13,019	11,236	6,900	2,966	697	111	14	60	447
52	116	217	530	960	1,631	2,361	4,519	6,159	7,079	8,838	5,874	3,409	1,248	263	35	5	25	448
46	113	235	477	846	1,372	2,369	3,375	4,463	5,099	5,522	5,164	3,307	1,619	401	60	7	20	449
12	22	42	85	159	317	467	821	1,023	1,225	1,420	1,414	923	455	101	16	1	5	450
6	15	44	67	150	281	300	299	333	327	236	164	102	48	13	7	1	8	451
1	1	2	4	9	9	18	31	21	36	44	23	11	4	2	1	1	1	452
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	453
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	454
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	455
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	456
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	457
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	458
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	459
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	460
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	461
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	462
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	463
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	464
18	49	113	299	551	974	1,649	2,490	3,458	4,079	4,123	3,553	2,235	926	211	30	3	19	465
7	21	46	160	275	498	907	1,452	2,069	2,481	2,420	1,971	1,232	434	95	11	1	7	466
2	22	44	94	167	250	449	681	1,023	1,225	1,420	1,414	923	455	101	16	1	5	467
8	2	7	27	61	135	176	221	239	213	162	91	46	24	6	1	1	4	468
1	1	2	15	42	86	105	111	116	128	96	60	30	11	8	2	1	2	469
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	470
43	104	206	390	574	978	1,665	2,363	2,974	3,450	3,562	3,230	2,060	982	252	45	5	14	471
26	40	81	152	200	356	644	1,031	1,353	1,602	1,846	1,430	888	351	57	10	5	7	472
15	45	101	202	310	515	886	1,177	1,465	1,797	1,679	1,705	1,120	605	159	26	2	6	473
5	8	9	13	28	35	55	72	84	75	44	44	26	7	3	4	2	2	474
-	-	15	21	33	71	75	77	84	85	66	49	22	16	3	5	1	1	475
-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	476
-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	477
18	46	87	158	327	508	819	1,085	1,414	1,553	1,643	1,378	816	341	89	9	7	7	478
8	17	43	76	123	228	394	561	789	914	911	777	406	170	36	2	2	5	479
6	17	36	62	154	220	351	443	554	569	665	565	385	163	49	3	1	3	480
2	5	3	11	20	28	41	41	47	39	43	21	16	4	3	1	1	1	481
2	7	5	9	29	32	32	34	34	29	20	13							

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Birth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
	II.—Neoplasms—Continued Malignant neoplasms, including neoplasms, etc.*—Con. Malignant neoplasm of digestive organs and peritoneum—Con.										
493	156A Of liver not specified whether primary or secondary-----	5,570	12	4	1	2	2	21	4	5	9
494	White-----Male-----	2,466	7	2	1	1	1	12	3	1	4
495	Female-----	2,627	5	1	-	1	1	8	1	2	5
496	Negro-----Male-----	249	-	1	-	-	-	1	-	-	-
497	Female-----	179	-	-	-	-	-	-	-	2	-
498	Other-----Male-----	15	-	-	-	-	-	-	-	-	-
499	Female-----	15	-	-	-	-	-	-	-	-	-
500	157 Of pancreas-----	8,692	-	-	1	-	1	2	-	4	3
501	White-----Male-----	4,704	-	-	1	-	-	1	-	5	1
502	Female-----	3,413	-	-	-	-	-	-	-	1	1
503	Negro-----Male-----	326	-	-	-	-	1	1	-	-	-
504	Female-----	205	-	-	-	-	-	-	-	-	1
505	Other-----Male-----	28	-	-	-	-	-	-	-	-	-
506	Female-----	14	-	-	-	-	-	-	-	-	-
507	158,159 Of peritoneum and of unspecified digestive organs-----	1,605	5	7	4	2	2	20	3	4	3
508	White-----Male-----	711	3	2	2	2	1	10	1	1	1
509	Female-----	717	2	4	1	1	1	8	1	2	2
510	Negro-----Male-----	87	-	-	1	-	-	1	1	-	-
511	Female-----	82	-	1	-	-	-	1	-	1	-
512	Other-----Male-----	4	-	-	-	-	-	-	-	-	-
513	Female-----	4	-	-	-	-	-	-	-	-	-
514	180-184 Malignant neoplasm of respiratory system-----	19,518	3	3	3	-	2	11	8	14	25
515	White-----Male-----	14,844	3	1	-	-	1	5	6	6	14
516	Female-----	3,454	-	2	3	-	1	6	1	6	8
517	Negro-----Male-----	930	-	-	-	-	-	-	-	2	4
518	Female-----	236	-	-	-	-	-	1	-	-	-
519	Other-----Male-----	48	-	-	-	-	-	-	-	-	-
520	Female-----	6	-	-	-	-	-	-	-	-	-
521	161 Of larynx-----	1,884	-	-	-	-	-	-	-	-	2
522	White-----Male-----	1,590	-	-	-	-	-	-	-	-	-
523	Female-----	167	-	-	-	-	-	-	-	-	2
524	Negro-----Male-----	102	-	-	-	-	-	-	-	-	-
525	Female-----	23	-	-	-	-	-	-	-	-	-
526	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
527	Female-----	-	-	-	-	-	-	-	-	-	-
528	162 Of trachea, and of bronchus and lung specified as primary-----	6,825	1	-	-	-	-	1	1	1	4
529	White-----Male-----	5,399	1	-	-	-	-	1	1	1	3
530	Female-----	975	-	-	-	-	-	-	-	-	-
531	Negro-----Male-----	364	-	-	-	-	-	-	-	-	1
532	Female-----	68	-	-	-	-	-	-	-	-	-
533	Other-----Male-----	19	-	-	-	-	-	-	-	-	-
534	Female-----	-	-	-	-	-	-	-	-	-	-
535	165 Of lung and bronchus, unspecified as primary or secondary-----	9,835	1	2	2	-	1	6	2	6	11
536	White-----Male-----	7,276	1	-	-	-	-	1	2	1	5
537	Female-----	1,980	-	2	2	-	1	5	3	5	5
538	Negro-----Male-----	431	-	-	-	-	-	-	-	2	1
539	Female-----	125	-	-	-	-	-	-	-	-	-
540	Other-----Male-----	18	-	-	-	-	-	-	-	-	-
541	Female-----	5	-	-	-	-	-	-	-	-	-
542	160,164 Of other parts of respiratory system-----	974	1	1	1	-	1	4	5	7	9
543	White-----Male-----	579	1	1	-	-	1	3	3	4	6
544	Female-----	332	-	-	1	-	-	1	1	3	1
545	Negro-----Male-----	33	-	-	-	-	-	-	-	-	2
546	Female-----	20	-	-	-	-	-	-	-	-	-
547	Other-----Male-----	9	-	-	-	-	-	-	-	-	-
548	Female-----	1	-	-	-	-	-	-	-	-	-
549	170 Malignant neoplasm of breast-----	18,553	-	-	-	-	-	-	-	-	1
550	White-----Male-----	217	-	-	-	-	-	-	-	-	1
551	Female-----	17,137	-	-	-	-	-	-	-	-	-
552	Negro-----Male-----	15	-	-	-	-	-	-	-	-	-
553	Female-----	1,167	-	-	-	-	-	-	-	-	-
554	Other-----Male-----	1	-	-	-	-	-	-	-	-	-
555	Female-----	16	-	-	-	-	-	-	-	-	-
556	171-179 Malignant neoplasm of genital organs-----	34,545	-	6	3	5	2	16	12	20	33
557	White-----Male-----	10,985	-	6	2	3	2	13	2	2	24
558	Female-----	19,359	-	-	1	2	-	3	10	15	27
559	Negro-----Male-----	1,041	-	-	-	-	-	-	-	2	2
560	Female-----	3,072	-	-	-	-	-	-	-	1	10
561	Other-----Male-----	29	-	-	-	-	-	-	-	-	-
562	Female-----	59	-	-	-	-	-	-	-	-	-
563	171 Of cervix uteri-----	8,219	-	-	-	-	-	-	-	-	3
564	White-----Female-----	6,750	-	-	-	-	-	-	-	-	1
565	Negro-----Female-----	1,460	-	-	-	-	-	-	-	-	2
566	Other-----Female-----	29	-	-	-	-	-	-	-	-	-
567	172-174 Of other and unspecified parts of uterus-----	8,043	-	-	1	-	-	1	-	1	8
568	White-----Female-----	6,783	-	-	1	-	-	1	-	1	6
569	Negro-----Female-----	1,244	-	-	-	-	-	-	-	-	2
570	Other-----Female-----	16	-	-	-	-	-	-	-	-	-
571	175 Of ovary, fallopian tube, and broad ligament-----	5,528	-	-	-	-	-	-	10	15	25
572	White-----Female-----	5,208	-	-	-	-	-	-	10	14	19
573	Negro-----Female-----	307	-	-	-	-	-	-	-	1	6
574	Other-----Female-----	13	-	-	-	-	-	-	-	-	-
575	176 Of other and unspecified female genital organs-----	700	-	-	-	2	-	2	-	-	1
576	White-----Female-----	638	-	-	-	2	-	2	-	-	1
577	Negro-----Female-----	61	-	-	-	-	-	-	-	-	-
578	Other-----Female-----	1	-	-	-	-	-	-	-	-	-
579	177 Of prostate-----	11,042	-	3	-	-	-	4	2	1	3
580	White-----Male-----	10,056	-	3	-	-	-	4	2	-	3
581	Negro-----Male-----	961	-	-	-	-	-	-	-	1	-
582	Other-----Male-----	25	-	-	-	-	-	-	-	-	-
583	178,179 Of testis, and of other and unspecified male genital organs-----	1,013	-	3	2	3	1	9	-	3	23
584	White-----Male-----	929	-	3	2	3	1	9	-	2	21
585	Negro-----Male-----	50	-	-	-	-	-	-	-	1	2
586	Other-----Male-----	4	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
II.—Neoplasms—Continued											
Malignant neoplasms, including neoplasms, etc.*—Con.											
587	180,181 Malignant neoplasm of urinary organs	9,859	18	34	59	34	33	178	51	15	14
588	White—Male	6,096	12	10	32	14	15	85	17	6	10
589	Female	3,204	3	17	25	14	14	73	25	5	3
590	Negro—Male	303	1	6	-	1	1	9	3	4	-
591	Female	250	1	1	2	5	3	12	6	-	1
592	Other—Male	17	-	-	-	-	-	-	-	-	-
593	Female	9	1	-	-	-	-	1	-	-	-
594	180 Of kidney	3,546	16	32	54	33	32	167	49	15	12
595	White—Male	2,060	10	10	29	13	14	76	17	6	8
596	Female	1,288	3	16	23	14	14	70	23	5	3
597	Negro—Male	107	1	5	-	1	1	8	3	4	-
598	Female	83	1	1	2	5	3	12	6	-	1
599	Other—Male	4	-	-	-	-	-	-	-	-	-
600	Female	4	1	-	-	-	-	1	-	-	-
601	181 Of bladder and other urinary organs	6,313	2	2	5	1	1	11	2	-	2
602	White—Male	4,056	2	-	3	1	1	7	-	-	2
603	Female	1,916	-	1	2	-	-	3	2	-	-
604	Negro—Male	186	-	1	-	-	-	1	-	-	-
605	Female	147	-	-	-	-	-	-	-	-	-
606	Other—Male	13	-	-	-	-	-	-	-	-	-
607	Female	5	-	-	-	-	-	-	-	-	-
608	156B,165, Malignant neoplasm of other and unspecified sites	21,065	68	94	116	85	78	443	267	219	294
609	190-199 White—Male	10,360	35	47	64	34	34	214	150	109	144
610	Female	9,219	31	38	44	40	38	191	91	88	113
611	Negro—Male	680	-	6	5	4	2	17	12	17	13
612	Female	744	2	2	5	5	4	16	13	7	12
613	Other—Male	44	-	-	-	-	-	1	1	-	1
614	Female	18	-	1	-	1	-	2	-	-	1
615	190,191 Of skin	3,485	3	-	3	1	1	8	-	7	11
616	White—Male	1,980	1	-	3	1	-	5	-	2	3
617	Female	1,365	1	-	-	-	1	2	-	4	8
618	Negro—Male	57	-	-	-	-	-	-	-	1	-
619	Female	57	1	-	-	-	-	1	-	-	-
620	Other—Male	3	-	-	-	-	-	-	-	-	-
621	Female	3	-	-	-	-	-	-	-	-	-
622	192 Of eye	415	2	8	27	11	8	56	9	1	1
623	White—Male	209	1	4	11	4	1	21	5	1	1
624	Female	182	1	3	10	3	6	23	3	-	-
625	Negro—Male	10	-	-	3	1	-	4	-	-	-
626	Female	12	-	1	3	1	1	6	-	-	-
627	Other—Male	1	-	-	-	1	-	1	-	-	-
628	Female	1	-	-	-	1	-	1	-	-	-
629	193 Of brain and other parts of nervous system	3,932	36	62	64	48	45	255	192	111	92
630	White—Male	2,285	20	32	39	21	24	136	108	56	44
631	Female	1,470	16	24	23	22	16	101	63	47	35
632	Negro—Male	101	-	5	-	2	2	9	11	4	6
633	Female	68	-	-	2	3	3	8	9	4	6
634	Other—Male	7	-	-	-	-	-	1	1	1	1
635	Female	3	-	1	-	-	-	1	-	-	-
636	194 Of thyroid gland	814	-	-	-	-	-	-	-	2	1
637	White—Male	222	-	-	-	-	-	-	-	1	1
638	Female	532	-	-	-	-	-	-	-	1	-
639	Negro—Male	22	-	-	-	-	-	-	-	-	-
640	Female	32	-	-	-	-	-	-	-	-	-
641	Other—Male	4	-	-	-	-	-	-	-	-	-
642	Female	2	-	-	-	-	-	-	-	-	-
643	196 Of bone (including jaw bone)	2,355	5	4	6	7	11	33	34	60	115
644	White—Male	1,275	3	2	2	1	3	11	22	32	65
645	Female	888	2	2	4	5	8	21	9	21	41
646	Negro—Male	94	-	-	-	-	-	1	1	7	5
647	Female	74	-	-	-	-	1	1	2	-	3
648	Other—Male	3	-	-	-	-	-	-	-	-	-
649	Female	1	-	-	-	-	-	-	-	-	-
650	197 Of connective tissue	525	2	5	2	1	-	8	6	5	19
651	White—Male	266	-	2	1	-	-	3	3	2	10
652	Female	214	2	1	1	1	-	5	2	1	9
653	Negro—Male	24	-	-	-	-	-	-	-	-	-
654	Female	18	-	-	-	-	-	-	1	2	-
655	Other—Male	2	-	-	-	-	-	-	-	-	-
656	Female	1	-	-	-	-	-	-	-	-	-
657	195,198A, Of other specified sites, not stated to be secondary	3,895	16	13	12	12	8	61	21	26	34
658	199A White—Male	1,718	10	5	5	5	4	29	9	13	16
659	Female	1,844	6	7	5	6	4	28	12	8	14
660	Negro—Male	137	-	-	2	1	-	3	-	4	1
661	Female	186	-	1	-	-	-	1	-	1	3
662	Other—Male	7	-	-	-	-	-	-	-	-	-
663	Female	1	-	-	-	-	-	-	-	-	-
664	156B,165, Of unspecified sites	5,696	4	4	4	5	5	22	5	7	13
665	198B, White—Male	2,407	-	2	3	2	2	9	2	2	6
666	199B-H Female	2,724	3	1	1	3	3	11	2	4	6
667	Negro—Male	235	-	1	-	-	-	1	-	1	1
668	Female	297	1	-	-	-	-	1	1	-	-
669	Other—Male	17	-	-	-	-	-	-	-	-	-
670	Female	6	-	-	-	-	-	-	-	-	-
671	204 Leukemia and aleukemia	8,102	139	137	210	194	131	811	426	225	234
672	White—Male	4,453	67	75	115	109	77	441	228	125	151
673	Female	3,226	54	53	88	81	50	326	178	81	62
674	Negro—Male	238	10	6	6	2	5	27	11	10	13
675	Female	160	7	2	1	2	1	13	9	7	6
676	Other—Male	14	1	2	-	-	-	3	-	-	-
677	Female	11	-	1	-	-	-	1	-	2	2
678	200-203,205 Lymphosarcoma, etc.*	7,328	24	23	25	18	20	110	88	99	143
679	White—Male	4,096	11	14	10	13	11	59	54	63	77
680	Female	2,755	11	7	14	5	7	44	27	24	49
681	Negro—Male	291	2	2	-	-	2	6	5	10	13
682	Female	164	-	-	-	-	-	1	2	2	4
683	Other—Male	18	-	-	1	-	-	-	-	-	-
684	Female	4	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

GENERAL TABLES-DEATHS FROM SELECTED CAUSES

RACE, AND SEX: UNITED STATES, 1949-Continued

Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated		
14	33	44	118	227	426	699	1,074	1,568	1,612	1,538	1,257	743	347	80	13	-	-	8	587
9	9	20	62	128	250	444	686	930	1,062	947	771	424	183	44	7	-	-	4	588
3	13	20	37	62	128	192	308	359	468	541	458	311	158	35	5	-	-	2	589
-	5	2	10	19	22	28	46	41	53	35	18	2	4	1	-	-	-	1	590
2	5	2	8	18	22	32	31	34	26	15	9	4	2	-	-	-	-	1	591
-	1	-	-	-	1	1	1	1	5	2	1	2	-	-	-	-	-	-	592
-	-	-	1	-	-	3	2	1	-	-	-	-	-	-	-	-	-	-	593
9	29	35	66	127	235	322	493	525	546	409	292	150	55	10	1	-	-	1	594
5	8	14	39	76	139	201	301	336	326	234	161	81	26	5	1	-	-	1	595
3	12	18	21	35	75	95	170	171	192	166	127	68	29	5	-	-	-	-	596
-	4	2	3	8	9	14	14	14	18	4	3	1	-	-	-	-	-	-	597
1	4	1	3	9	9	10	8	4	10	5	1	-	-	-	-	-	-	-	598
-	1	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	599
-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	600
5	4	9	52	100	193	377	581	843	1,066	1,129	965	593	292	70	12	-	-	7	601
4	4	6	23	52	112	243	385	594	736	713	610	343	157	39	6	-	-	3	602
-	1	2	16	27	55	97	138	189	274	375	331	243	129	30	5	-	-	2	603
-	1	1	7	11	15	14	14	27	37	29	15	1	4	1	-	-	-	1	604
1	1	1	5	10	13	22	23	30	16	10	8	4	2	-	-	-	-	-	605
-	-	-	-	-	-	1	1	3	3	2	1	2	-	-	-	-	-	-	606
-	-	-	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	1	607
291	371	469	722	1,041	1,468	1,916	2,300	2,468	2,378	2,256	1,794	1,262	726	272	53	9	16	608	
151	193	242	359	512	718	914	1,158	1,241	1,182	1,115	879	614	329	112	20	1	5	609	
120	146	201	282	406	569	609	965	1,067	1,050	1,047	653	614	385	154	30	5	6	610	
12	17	17	26	46	61	95	94	85	68	46	34	16	4	-	-	-	-	3	611
7	13	27	40	73	95	92	77	90	72	47	24	16	8	6	2	3	2	2	612
-	2	2	2	2	4	7	5	5	5	3	3	1	-	-	-	-	-	-	613
1	-	-	3	3	1	1	1	2	1	-	1	1	-	-	-	-	-	-	614
38	66	78	118	145	186	233	270	286	352	407	446	360	286	129	33	5	1	1	615
17	34	35	61	86	108	139	168	160	212	251	274	213	141	54	16	1	-	-	616
20	29	39	50	52	68	76	86	110	128	148	163	142	142	75	17	3	1	1	617
-	-	1	3	5	2	11	11	8	5	5	2	3	-	-	-	-	-	-	618
1	2	3	2	2	8	6	3	8	7	3	6	1	3	-	-	-	-	-	619
1	1	-	-	-	-	1	1	-	-	-	1	-	-	-	-	-	-	-	620
2	3	7	6	12	13	28	46	42	47	48	36	22	23	11	1	-	-	-	621
1	1	4	3	6	7	16	23	19	26	31	20	9	9	6	-	-	-	-	622
1	3	3	3	3	5	12	22	22	21	16	14	11	13	5	1	-	-	-	623
-	-	-	1	1	-	-	1	1	-	-	2	1	-	-	-	-	-	-	624
-	-	-	-	2	1	-	-	-	-	-	1	1	-	-	-	-	-	-	625
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	626
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	627
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	628
95	152	176	256	327	423	508	543	425	222	101	37	11	1	1	-	-	-	3	629
47	89	104	147	191	254	305	329	257	137	49	23	6	-	-	-	-	-	-	630
42	52	59	98	118	149	194	199	159	83	52	13	5	1	1	-	-	-	1	631
4	7	6	9	11	14	6	8	5	2	-	-	-	-	-	-	-	-	-	632
2	4	5	5	6	5	3	6	4	-	-	-	-	-	-	-	-	-	-	633
-	-	2	1	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-	634
3	3	9	5	29	52	77	80	114	138	133	86	56	22	3	1	-	-	-	635
-	1	2	1	14	13	26	21	35	35	36	20	11	4	1	-	-	-	-	636
3	2	7	1	11	32	42	52	73	92	89	62	45	18	2	1	-	-	-	637
-	-	-	1	4	3	2	3	2	2	5	2	-	-	-	-	-	-	-	638
-	-	-	2	3	3	5	4	2	7	4	2	-	-	-	-	-	-	-	639
-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	640
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	641
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	642
70	41	48	57	97	126	160	265	280	305	253	173	138	59	20	3	-	-	1	643
45	21	24	35	48	78	74	135	161	169	160	94	83	29	10	1	-	-	-	644
21	17	20	18	39	33	66	102	112	121	86	70	51	28	9	2	-	-	1	645
3	-	2	2	5	6	11	14	16	6	4	8	3	1	-	-	-	-	-	646
1	2	2	2	6	6	0	14	11	9	3	1	1	-	1	-	-	-	-	647
1	1	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	648
12	23	25	33	28	41	54	53	52	53	46	38	14	8	6	-	-	-	-	649
7	10	18	20	17	13	23	27	29	24	19	5	3	5	-	-	-	-	-	650
2	11	7	10	7	19	23	20	21	23	21	18	9	5	1	-	-	-	-	651
2	2	-	1	3	4	6	4	1	-	-	1	-	-	-	-	-	-	-	652
-	-	-	1	1	5	2	2	3	1	-	-	-	-	-	-	-	-	-	653
-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	654
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	655
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	656
40	43	60	93	143	208	307	371	485	465	515	442	331	170	66	7	2	3	657	
23	20	20	41	48	83	119	161	232	218	214	205	167	75	23	1	-	-	1	658
15	18	26	36	66	92	140	176	213	213	264	228	157	91	40	5	1	1	1	659
1	3	7	5	7	7	22	18	19	15	17	4	2	2	-	-	-	-	-	660
1	2	7	10	22	23	26	14	21	17	20	5	2	3	1	-	-	-	-	661
-	-	-	-	2	2	-	2	-	2	-	-	-	-	-	-	-	-	-	662
-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	663
31	40	86	154	260	419	549	672	804	796	753	536	330	158	36	7	2	6	664	
11	18	35	51	102	162	214	294	370	356	348	224	120	68	13	1	-	-	1	665
16	14	40	78	109	131	256	306	357	369	372	285	194	67	21	4	1	1	1	666
2	5	1	7	13	24	34	36	30	38	15	15	7	1	-	-	-	-	3	667
2	3	10	18	32	42	42	34	41	31	16	9	8	2	2	1	1	1	1	668
-	-	-	-	2	-	2	2	4	2	2	2	1	-	-	-	-	-	-	669
-	-	-	-	2	-	1	-	2	-	-	1	-	-	-	-	-	-	-	670
250	248	256	300	327	426	554	727	800	847	742	591	251	79	16	2	1	9	671	
120	129	123	144	163	218	287	395	488	487	395	338	142	46	8	2	-	-	3	672
88	97	107	123	130	176	238	287	288	338	331	226	106	32	4	-	-	-	1	673
12	10	11	18	17	16	12	30	15	16	11	5	2	1	-	-	-	-	-	674
9	10	14	14	16	15	13	6	5	4	1	-	-	-	-	-	-	-	-	675
-	1	1	1	1	1	1	1	3	-	-	1	-	-	-	-	-	-	-	676
-	1	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-	-	677
236	278	310	378	432	555	730	830	920	891	678	408								

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
II.—Neoplasms—Continued Malignant neoplasms, including neoplasms, etc.*—Con. Lymphosarcoma, etc.*—Continued											
685	200 Lymphosarcoma and reticulosarcoma-----	3,135	11	9	19	12	14	65	51	45	66
686	White—Male-----	1,797	5	7	7	8	7	34	30	31	34
687	Female-----	1,155	5	11	11	4	6	28	18	10	21
688	Negro—Male-----	110	1	2	1	1	1	4	2	4	9
689	Female-----	60	1	1	1	1	1	1	1	1	2
690	Other—Male-----	11	1	1	1	1	1	1	1	1	1
691	Female-----	2	1	1	1	1	1	1	1	1	1
692	201 Hodgkin's disease-----	2,476	3	3	1	1	4	12	25	47	70
693	White—Male-----	1,414	2	1	1	1	2	6	17	28	39
694	Female-----	906	1	2	1	1	1	5	5	12	25
695	Negro—Male-----	96	1	1	1	1	1	1	2	5	4
696	Female-----	53	1	1	1	1	1	1	1	2	2
697	Other—Male-----	4	1	1	1	1	1	1	1	1	1
698	Female-----	1	1	1	1	1	1	1	1	1	1
699	202,203,205 Other neoplasms of lymphatic and hematopoietic tissues-----	1,717	10	11	5	5	2	35	12	7	7
700	White—Male-----	865	4	6	3	4	2	19	7	4	4
701	Female-----	692	5	5	2	1	1	13	4	2	3
702	Negro—Male-----	85	1	1	1	1	1	1	1	1	1
703	Female-----	51	1	1	1	1	1	1	1	1	1
704	Other—Male-----	5	1	1	1	1	1	1	1	1	1
705	Female-----	1	1	1	1	1	1	1	1	1	1
706	210-239 Benign neoplasms and neoplasms of unspecified nature-----	5,661	152	64	37	24	21	298	100	90	100
707	White—Male-----	2,104	69	24	20	14	7	134	42	42	37
708	Female-----	2,836	61	32	10	8	8	119	47	33	47
709	Negro—Male-----	219	10	3	2	2	1	18	4	10	6
710	Female-----	661	11	5	4	1	4	24	7	5	7
711	Other—Male-----	15	1	1	1	1	1	3	1	1	1
712	Female-----	6	1	1	1	1	1	1	1	1	2
713	214-217 Benign neoplasms of female genital organs-----	1,450	1	1	1	1	1	1	1	1	5
714	White—Female-----	1,000	1	1	1	1	1	1	1	1	3
715	Negro—Female-----	447	1	1	1	1	1	1	1	1	1
716	Other—Female-----	3	1	1	1	1	1	1	1	1	1
717	223 Benign neoplasm of brain and other parts of nervous system-----	903	13	13	8	3	2	39	15	15	22
718	White—Male-----	409	5	7	4	3	1	20	4	9	13
719	Female-----	430	6	5	3	1	1	14	9	4	8
720	Negro—Male-----	26	1	1	1	1	1	2	1	2	1
721	Female-----	35	1	1	1	1	1	3	1	1	1
722	Other—Male-----	1	1	1	1	1	1	1	1	1	1
723	Female-----	2	1	1	1	1	1	1	1	1	1
724	210-213, 216-222, 224-229 Other benign neoplasms-----	664	69	16	8	2	4	99	21	22	19
725	White—Male-----	448	37	2	3	1	2	45	10	11	7
726	Female-----	328	25	12	3	1	1	42	8	7	9
727	Negro—Male-----	39	4	1	1	1	1	6	1	4	1
728	Female-----	43	2	1	1	1	1	4	2	1	2
729	Other—Male-----	5	1	1	1	1	1	2	1	1	1
730	Female-----	1	1	1	1	1	1	1	1	1	1
731	233-235 Neoplasm of unspecified nature of female genital organs-----	40	1	1	1	1	1	1	1	1	1
732	White—Female-----	35	1	1	1	1	1	1	1	1	1
733	Negro—Female-----	5	1	1	1	1	1	1	1	1	1
734	Other—Female-----	1	1	1	1	1	1	1	1	1	1
735	237 Neoplasm of unspecified nature of brain, etc.*-----	1,691	34	30	20	16	15	115	61	50	51
736	White—Male-----	829	14	13	12	9	4	52	27	20	16
737	Female-----	669	16	13	4	5	7	45	28	21	26
738	Negro—Male-----	98	2	2	1	2	1	7	2	4	6
739	Female-----	89	2	2	3	3	3	10	4	5	3
740	Other—Male-----	6	1	1	1	1	1	1	1	1	1
741	Female-----	1	1	1	1	1	1	1	1	1	1
742	230-232, 236, 239, 239 Other neoplasms of unspecified nature-----	913	38	5	1	2	1	44	2	3	3
743	White—Male-----	418	13	2	1	1	1	17	1	2	1
744	Female-----	374	14	2	1	1	1	17	1	1	1
745	Negro—Male-----	56	3	1	1	1	1	3	1	1	1
746	Female-----	62	6	1	1	1	1	7	1	1	1
747	Other—Male-----	3	1	1	1	1	1	1	1	1	1
748	Female-----	1	1	1	1	1	1	1	1	1	1
749	III.—Allergic, endocrine system, metabolic, and nutritional diseases-----	34,726	997	202	117	70	42	1,428	125	134	184
750	White—Male-----	12,944	511	79	48	38	24	700	55	55	56
751	Female-----	18,352	327	69	48	16	12	472	52	50	87
752	Negro—Male-----	1,188	85	25	12	4	3	129	8	16	19
753	Female-----	2,112	63	25	9	11	3	111	10	13	19
754	Other—Male-----	59	3	2	1	1	1	6	1	1	1
755	Female-----	71	8	2	1	1	1	10	1	1	3
756	241 Asthma-----	4,547	72	56	45	26	8	208	24	22	23
757	White—Male-----	2,547	30	26	16	12	2	86	9	10	6
758	Female-----	1,524	25	12	21	8	2	68	8	5	12
759	Negro—Male-----	263	11	7	3	2	1	24	3	4	3
760	Female-----	196	4	10	6	4	3	27	4	3	2
761	Other—Male-----	13	1	1	1	1	1	2	1	1	1
762	Female-----	4	1	1	1	1	1	1	1	1	1
763	250,251 Nontoxic goiter-----	166	2	1	1	1	1	3	1	1	1
764	White—Male-----	30	1	1	1	1	1	1	1	1	1
765	Female-----	113	1	1	1	1	1	1	1	1	1
766	Negro—Male-----	1	1	1	1	1	1	1	1	1	1
767	Female-----	41	1	1	1	1	1	1	1	1	1
768	Other—Male-----	1	1	1	1	1	1	1	1	1	1
769	Female-----	1	1	1	1	1	1	1	1	1	1
770	252 Thyrotoxicosis with or without goiter-----	1,582	1	1	1	1	1	1	2	3	5
771	White—Male-----	254	1	1	1	1	1	1	1	1	1
772	Female-----	1,128	1	1	1	1	1	1	1	1	4
773	Negro—Male-----	22	1	1	1	1	1	1	1	1	1
774	Female-----	155	1	1	1	1	1	1	1	1	1
775	Other—Male-----	2	1	1	1	1	1	1	1	1	1
776	Female-----	3	1	1	1	1	1	1	1	1	1

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
III.—Allergic, endocrine system, metabolic, and nutritional diseases—Continued											
777	253,254 Myxedema, cretinism, and other diseases of thyroid gland----	205	9	2	4	-	1	16	4	4	2
778	White-----Male----	40	3	1	1	-	-	5	1	2	1
779	Female----	156	6	-	3	-	1	10	2	1	1
780	Negro-----Male----	1	-	-	-	-	-	-	-	-	-
781	Female----	7	-	-	-	-	-	-	1	1	-
782	Other-----Male----	-	-	-	-	-	-	-	-	-	-
783	Female----	1	-	1	-	-	-	1	-	-	-
784	250 Diabetes mellitus-----	25,089	10	17	12	6	5	50	43	79	131
785	White-----Male----	8,717	5	6	6	4	3	24	15	28	40
786	Female----	14,158	5	8	5	2	2	22	25	37	58
787	Negro-----Male----	676	-	1	-	-	-	1	1	7	16
788	Female----	1,449	-	2	1	-	-	3	2	7	15
789	Other-----Male----	38	-	-	-	-	-	-	-	-	-
790	Female----	51	-	-	-	-	-	-	-	-	2
791	273 Diseases of thymus gland-----	827	683	42	21	16	12	774	24	7	4
792	White-----Male----	449	372	21	12	9	8	422	16	3	4
793	Female----	256	214	13	5	3	4	239	6	2	3
794	Negro-----Male----	63	50	6	3	-	-	59	1	2	-
795	Female----	51	40	1	1	4	-	46	1	-	1
796	Other-----Male----	1	1	-	-	-	-	1	-	-	-
797	Female----	7	6	1	-	-	-	7	-	-	-
798	274 Diseases of adrenal glands-----	438	60	6	2	1	4	73	4	2	8
799	White-----Male----	166	38	2	-	-	3	43	3	1	4
800	Female----	242	16	3	1	1	1	22	1	1	3
801	Negro-----Male----	17	3	1	1	-	-	5	-	-	-
802	Female----	12	3	-	-	-	-	3	-	-	-
803	Other-----Male----	1	-	-	-	-	-	-	-	-	-
804	Female----	1	-	-	-	-	-	-	-	-	1
805	281 Pellagra-----	321	1	1	1	-	-	3	-	-	-
806	White-----Male----	63	-	1	1	-	-	2	-	-	-
807	Female----	150	1	-	-	-	-	1	-	-	-
808	Negro-----Male----	27	-	-	-	-	-	-	-	-	-
809	Female----	60	-	-	-	-	-	-	-	-	-
810	Other-----Male----	-	-	-	-	-	-	-	-	-	-
811	Female----	1	-	-	-	-	-	-	-	-	-
812	280,282-286 All other avitaminoses and nutritional deficiency states-----	949	104	55	20	13	7	199	9	4	2
813	White-----Male----	385	44	14	8	8	5	79	-	3	1
814	Female----	369	30	20	7	1	1	59	6	1	1
815	Negro-----Male----	97	16	8	4	2	1	31	2	-	-
816	Female----	92	13	12	1	1	-	27	1	-	-
817	Other-----Male----	4	-	1	-	1	-	2	-	-	-
818	Female----	2	1	-	-	-	-	1	-	-	-
819	Residual Other allergic, endocrine, and metabolic diseases-----	602	56	22	10	6	5	101	15	13	9
820	White-----Male----	293	18	8	4	5	3	38	10	8	3
821	Female----	256	30	12	5	1	1	49	4	3	5
822	Negro-----Male----	21	5	2	1	-	1	9	1	1	-
823	Female----	29	2	-	-	2	-	4	-	1	1
824	Other-----Male----	1	1	-	-	-	-	1	-	-	-
825	Female----	-	-	-	-	-	-	-	-	-	-
826	IV.—Diseases of the blood and blood-forming organs-----	5,631	231	88	45	34	18	416	99	71	93
827	White-----Male----	2,604	96	38	24	12	5	175	39	25	31
828	Female----	2,797	78	32	9	15	8	142	36	31	35
829	Negro-----Male----	220	29	13	7	4	1	54	11	6	9
830	Female----	288	24	5	5	3	3	40	15	9	17
831	Other-----Male----	13	4	-	-	-	-	4	-	-	-
832	Female----	9	-	-	-	-	1	1	-	-	1
833	290-293 Anemias-----	4,446	122	67	25	18	9	241	62	40	63
834	White-----Male----	1,855	47	24	9	4	2	86	17	15	12
835	Female----	2,164	37	26	4	7	4	78	25	15	19
836	Negro-----Male----	176	16	12	7	4	1	40	9	4	7
837	Female----	237	20	5	5	3	1	34	11	6	14
838	Other-----Male----	7	2	-	-	-	-	2	-	-	-
839	Female----	7	-	-	-	-	1	1	-	-	1
840	290 Pernicious and other hyperchromic anemias-----	2,449	5	5	1	2	-	13	1	1	5
841	White-----Male----	1,032	1	2	-	-	-	3	1	-	-
842	Female----	1,308	-	-	1	1	-	2	-	-	2
843	Negro-----Male----	30	-	2	-	1	-	3	-	1	1
844	Female----	65	4	1	-	-	-	5	-	-	1
845	Other-----Male----	3	-	-	-	-	-	-	-	-	-
846	Female----	3	-	-	-	-	-	-	-	-	1
847	291-293 Anemias of other and unspecified type-----	1,997	117	62	24	16	9	228	61	39	48
848	White-----Male----	823	46	22	9	4	2	83	16	15	12
849	Female----	856	37	26	3	6	4	76	25	15	17
850	Negro-----Male----	138	16	10	7	3	1	37	9	3	6
851	Female----	172	16	4	5	3	1	29	11	6	13
852	Other-----Male----	4	2	-	-	-	-	2	-	-	-
853	Female----	4	-	-	-	-	1	1	-	-	-
854	296 Purpura and other hemorrhagic conditions-----	583	57	12	9	8	6	92	17	17	22
855	White-----Male----	234	28	7	7	3	2	47	9	4	8
856	Female----	294	20	5	2	5	3	35	6	10	10
857	Negro-----Male----	17	5	-	-	-	-	5	1	1	2
858	Female----	32	2	-	-	-	1	5	1	2	2
859	Other-----Male----	4	2	-	-	-	-	2	-	-	-
860	Female----	2	-	-	-	-	-	-	-	-	-
861	294,295, 297-299 All other diseases of blood and blood-forming organs-----	802	52	9	11	8	3	83	20	14	18
862	White-----Male----	415	21	7	8	3	1	42	13	6	11
863	Female----	339	21	1	3	3	1	29	5	6	6
864	Negro-----Male----	27	8	1	-	-	-	9	1	1	1
865	Female----	19	2	-	-	-	1	3	1	1	1
866	Other-----Male----	2	-	-	-	-	-	-	-	-	-
867	Female----	-	-	-	-	-	-	-	-	-	-
868	V.—Mental, psychoneurotic, and personality disorders-----	5,602	126	47	20	11	8	212	31	25	41
869	White-----Male----	3,179	66	22	13	4	4	109	17	10	16
870	Female----	1,642	55	22	8	5	3	91	11	6	11
871	Negro-----Male----	441	3	1	1	2	-	7	3	3	6
872	Female----	303	2	2	-	-	-	4	-	4	8
873	Other-----Male----	25	-	-	-	-	-	-	-	-	-
874	Female----	12	-	-	-	-	1	1	-	-	-

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

(Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
5	7	1	7	8	15	11	30	23	27	25	15	5	1	1	-	-	777	
-	2	-	2	1	4	3	7	3	6	1	2	-	-	-	-	-	778	
2	4	1	5	7	9	8	23	20	20	23	13	5	1	1	-	-	779	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	780	
-	1	-	-	-	2	-	-	-	1	1	-	-	-	-	-	-	781	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	782	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	783	
173	228	256	539	482	816	1,498	2,495	3,603	4,334	4,402	3,337	1,997	665	131	15	2	15	784
61	78	125	154	176	291	538	819	1,157	1,408	1,476	1,247	776	236	60	7	-	-	785
78	99	78	108	169	305	684	1,380	2,151	2,640	2,708	1,969	1,168	407	62	5	1	6	786
14	28	20	23	34	61	67	84	80	89	76	42	17	9	2	1	1	3	787
18	22	31	55	101	154	197	204	196	183	128	73	35	11	7	2	1	5	788
-	-	1	1	1	1	1	3	8	6	6	2	1	1	-	-	-	-	789
2	1	1	1	1	4	5	3	11	8	8	4	-	-	-	-	-	-	790
6	3	2	3	1	-	1	-	1	1	-	-	-	-	-	-	-	-	791
2	1	1	1	1	-	1	-	1	1	-	-	-	-	-	-	-	-	792
2	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	793
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	794
1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	795
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	796
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	797
9	16	21	29	40	30	45	41	36	33	19	20	6	4	1	-	-	1	798
2	2	4	12	4	11	12	13	12	14	11	11	4	2	1	-	-	-	799
6	14	14	16	30	17	32	25	23	19	8	-	-	2	2	-	-	-	800
-	-	2	1	4	-	1	3	1	-	-	1	1	-	-	-	-	1	801
1	-	2	1	2	2	-	-	-	-	-	-	-	-	-	-	-	-	802
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	803
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	804
-	1	6	13	5	13	22	19	32	30	48	50	42	18	7	1	1	1	805
-	-	1	2	1	1	2	1	3	7	11	11	7	8	1	-	-	-	806
-	-	1	3	1	3	8	6	13	13	23	38	26	9	4	-	-	1	807
-	-	1	1	1	1	5	-	5	5	5	2	2	1	-	-	-	-	808
-	1	4	7	2	9	7	12	6	5	9	9	7	-	2	-	-	-	809
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	810
7	6	17	15	33	27	22	37	51	79	73	105	111	76	50	15	7	4	811
5	2	1	9	16	11	10	19	18	36	34	39	50	31	15	1	3	1	812
1	2	10	5	10	6	8	8	18	23	28	50	40	30	30	9	1	1	813
1	1	3	5	2	2	3	4	8	7	8	70	3	2	2	3	3	-	814
-	1	3	1	2	4	2	6	6	11	2	6	8	3	1	2	3	-	815
-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	816
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	817
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	818
13	25	34	35	31	46	65	55	49	44	28	23	9	6	1	-	-	-	819
6	6	17	17	14	25	31	33	30	26	11	12	3	3	-	-	-	-	820
7	12	15	17	13	17	28	21	16	16	16	9	6	3	1	-	-	-	821
-	5	-	1	-	1	-	-	1	1	1	1	-	-	-	-	-	-	822
-	2	2	-	4	3	6	1	2	1	1	1	-	-	-	-	-	-	823
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	824
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	825
117	104	107	114	163	202	250	359	445	641	802	832	620	303	77	8	-	4	826
32	41	34	43	45	68	115	153	209	314	380	365	282	128	24	2	-	1	827
51	41	44	46	79	93	105	172	210	296	404	452	331	173	51	4	3	1	828
9	8	9	10	12	19	13	12	13	16	6	6	4	1	-	2	-	-	829
22	12	19	15	32	21	18	20	12	14	11	8	2	1	2	-	-	-	830
-	1	1	-	-	-	-	-	1	1	1	2	1	-	-	-	-	-	831
3	1	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	832
62	53	58	67	94	122	157	215	318	495	690	771	578	285	75	8	2	2	833
14	18	13	21	16	37	64	85	152	239	326	334	266	114	24	2	-	-	834
23	20	22	28	42	52	67	100	146	229	347	422	305	169	49	4	2	2	835
7	4	7	9	10	15	11	12	13	13	6	6	4	1	-	-	-	-	836
16	10	16	9	28	17	14	18	11	13	10	7	2	1	2	-	-	-	837
-	-	-	-	-	-	1	-	-	1	1	1	1	-	-	-	-	-	838
2	1	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	839
6	4	10	15	33	46	74	111	176	299	483	559	392	181	36	2	2	2	840
-	1	1	4	8	11	26	36	75	147	227	226	178	76	11	1	-	-	841
3	5	6	17	20	37	63	92	142	243	328	328	211	105	25	-	-	2	842
-	1	1	1	1	5	4	7	7	6	3	3	1	-	-	-	-	-	843
3	2	4	4	7	9	4	5	3	3	4	4	1	1	-	-	-	-	844
-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	845
-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	846
56	49	48	52	61	76	85	104	142	196	207	212	186	104	39	6	-	-	847
14	17	12	17	8	26	38	49	77	92	99	106	88	38	13	1	-	-	848
20	20	17	22	25	32	30	37	54	67	99	94	94	64	24	4	-	-	849
7	4	7	8	9	10	7	5	5	7	3	5	3	1	-	-	-	-	850
13	8	12	5	19	8	7	13	5	10	6	5	1	1	2	-	-	-	851
-	-	-	-	-	-	1	-	-	1	1	1	-	-	-	-	-	-	852
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	853
28	53	24	28	31	43	35	47	31	52	27	24	20	10	2	-	-	-	854
5	14	3	9	7	15	15	21	13	22	16	14	5	7	-	-	-	-	855
15	16	18	13	20	25	17	25	16	29	11	9	15	3	2	-	-	-	856
1	1	1	1	1	2	1	-	-	1	-	-	-	-	-	-	-	-	857
6	2	2	5	4	1	2	-	-	1	-	-	-	-	-	-	-	-	858
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	859
27	18	25	19	45	37	58	96	96	94	65	37	22	8	-	-	-	2	861
13	9	18	13	22	16	36	47	44	53	38	15	13	7	-	-	-	1	862
13	5	4	5	17	16	19	47	48	38	46	22	11	1	-	-	-	1	863
1	3	1	-	2	2	2	2	4	2	1	-	-	-	-	-	-	-	864
-	1	1	1	2	3	2	-	-	-	-	-	-	-	-	-	-	-	865
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	866
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	867
106	168	315	421	499	527	500	451	389	585	388	384	339	247	127	26	7	16	868
48	71	160	249	296	344	326	315	269	239	208	190	148	107	41	6	2	8	869
19	36	80	91	103	97	107	102	85	112	143	165	161	124	77	17	1	3	870
26	38	45	46	59	53	38	20	20	19	20	14	12	9	2	1	-	2	871
11	19	30	31	40	30	24	12	12	13	15	14	16	4	7	2	4	3	872
2	3	2	3	1	2	4	1	3	1	1	1	1	1	-	-	-	-	873
-	1	-	1	-	1	1	1	1	1	2	-	1	2	-	-	-	-	874

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

(Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
-	-	-	-	-	1	1	6	19	86	177	269	280	216	118	26	7	2	375
-	-	-	-	-	-	-	-	10	37	72	150	125	91	56	6	2	-	376
-	-	-	-	-	-	-	2	5	38	82	116	131	111	73	17	1	-	377
-	-	-	-	-	-	1	-	3	5	12	10	10	7	2	1	-	1	378
-	-	-	-	-	1	-	1	1	6	10	12	13	4	7	2	4	1	379
-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	380
-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	381
2	5	32	42	45	52	40	32	26	14	5	3	1	-	-	-	-	-	382
1	4	24	36	38	44	35	29	21	13	4	2	1	-	-	-	-	-	383
-	-	2	1	1	6	1	2	4	-	-	-	-	-	-	-	-	-	384
1	1	5	5	5	1	4	-	-	1	1	-	-	-	-	-	-	-	385
-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	386
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	387
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	388
46	66	96	82	102	91	113	98	92	87	75	49	28	14	9	-	3	389	
20	29	34	27	29	29	34	33	33	29	27	14	4	6	5	-	-	-	390
10	16	33	29	40	39	55	57	48	50	45	31	22	7	4	-	-	2	391
8	9	10	7	14	12	6	3	5	4	1	1	1	1	-	-	-	-	392
8	10	19	19	19	10	18	4	6	3	2	2	1	-	-	-	-	1	393
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	394
-	1	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	395
53	67	166	275	339	364	312	294	250	175	112	44	16	9	-	-	10	396	
14	24	94	180	223	260	244	241	197	149	98	37	12	7	-	-	6	397	
1	8	34	45	56	45	41	31	17	15	8	5	2	2	-	-	-	1	398
14	26	28	34	40	39	27	17	11	9	4	2	1	-	-	-	-	1	399
2	6	9	12	19	18	4	4	2	2	2	2	2	-	-	-	-	-	300
2	3	1	3	1	2	1	1	1	1	-	-	-	-	-	-	-	-	301
-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	302
20	24	15	6	5	8	8	5	3	7	3	3	1	1	-	-	-	-	303
11	14	8	1	2	5	5	3	5	1	1	2	1	-	-	-	-	-	304
6	7	6	5	2	3	2	2	3	2	1	1	1	1	-	-	-	-	305
2	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	306
1	1	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	307
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	308
5	4	6	16	8	11	20	16	19	16	16	16	11	7	-	-	1	310	
2	2	5	4	6	6	8	6	8	6	5	5	3	-	-	-	-	-	311
2	2	5	11	4	4	8	6	6	7	11	6	3	-	-	-	-	-	312
1	-	-	-	-	1	-	-	1	-	1	-	-	1	-	-	-	1	313
-	-	-	-	-	-	-	2	2	3	1	-	-	-	-	-	-	-	314
-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	315
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	316
655	674	1,170	2,044	3,373	5,437	8,243	11,557	16,006	21,316	25,573	26,567	20,918	11,533	5,670	705	142	196	917
299	363	445	755	1,224	1,861	3,060	4,898	7,246	9,767	11,865	12,217	9,266	4,659	1,304	218	27	67	918
215	315	394	657	1,075	1,940	2,971	4,209	6,136	8,768	11,554	12,742	10,731	6,395	2,282	390	45	46	919
76	92	150	275	424	721	1,041	1,194	1,224	1,363	985	769	404	200	71	39	23	41	920
60	101	175	349	632	900	1,134	1,236	1,349	1,555	1,108	809	496	256	122	53	43	41	921
5	2	5	5	11	13	22	22	39	47	45	19	13	15	3	1	1	-	922
1	1	1	3	7	2	15	6	12	16	18	11	8	8	2	3	1	-	923
211	361	639	1,429	2,676	4,639	7,445	10,600	14,922	20,079	24,387	25,582	20,404	11,295	3,603	693	138	184	924
88	118	195	458	889	1,479	2,668	4,407	6,679	9,088	11,222	11,726	9,000	4,562	1,366	210	26	62	925
71	127	209	440	835	1,654	2,695	3,641	5,738	8,312	11,079	12,298	10,509	6,258	2,242	384	44	41	926
31	48	94	221	359	642	955	1,136	1,174	1,306	950	747	593	197	69	35	22	39	927
20	66	139	305	577	850	1,095	1,187	1,306	1,314	1,076	782	462	265	116	61	42	41	928
1	2	1	2	10	12	21	21	34	43	44	13	15	3	2	1	-	-	929
-	-	1	2	6	2	15	8	11	16	16	10	8	8	7	2	3	1	930
61	64	136	209	317	323	358	301	289	236	165	127	72	30	8	3	-	-	931
29	35	51	90	127	121	153	140	127	88	67	46	45	12	2	1	-	-	932
22	30	53	79	128	142	161	124	114	128	88	71	24	18	6	2	-	-	933
4	9	14	17	36	28	24	24	17	10	10	3	3	-	-	-	-	-	934
6	10	18	23	26	30	18	19	17	11	7	2	2	-	-	-	-	-	935
-	-	-	-	-	2	2	1	-	1	-	-	-	-	-	-	-	-	936
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	937
108	225	400	1,003	1,896	3,493	5,460	7,777	10,655	13,988	16,659	17,146	13,167	7,244	2,333	400	86	140	938
43	69	119	308	622	1,095	1,926	3,167	4,740	6,273	7,540	7,750	5,677	2,892	866	112	15	45	939
36	78	125	311	592	1,259	2,062	2,936	4,185	5,825	7,701	8,357	6,915	4,031	1,347	228	26	28	940
19	31	62	164	247	471	652	809	808	855	643	487	258	136	38	23	18	31	941
8	45	93	217	421	660	791	845	889	896	728	534	323	170	72	34	27	35	942
-	2	2	2	9	8	15	14	24	30	35	13	8	10	3	1	-	-	943
-	-	1	1	5	2	14	6	9	12	12	5	6	5	7	2	2	1	944
12	25	43	79	165	328	754	1,291	2,109	3,058	3,945	4,258	3,661	2,060	762	142	22	16	945
2	10	13	27	63	134	343	650	1,056	1,542	1,951	2,077	1,711	871	274	48	7	7	946
7	12	16	24	49	134	231	435	767	1,230	1,781	2,047	1,864	1,172	467	91	10	8	947
2	2	5	10	19	42	100	121	132	161	105	68	38	19	10	3	1	1	948
1	1	2	17	32	37	77	104	129	114	101	59	44	16	11	2	2	-	949
-	-	-	-	1	1	3	2	5	3	2	4	3	2	-	-	-	-	950
32	27	60	139	298	495	873	1,231	1,889	2,797	3,620	4,050	3,484	1,941	700	138	30	27	951
14	4	12	34	77	131	246	450	756	1,187	1,684	1,853	1,569	787	224	49	6	6	952
6	7	15	26	66	139	239	368	632	1,029	1,508	1,823	1,705	1,037	422	63	8	5	953
5	6	13	30	57	101	179	189	224	184	201	184	94	42	21	11	1	7	954
1	5	9	19	48	98	123	207	219	271	294	240	187	113	69	15	13	6	955
-	-	-	-	-	-	1	1	4	5	4	2	2	3	-	-	-	-	956
-	-	-	-	-	-	1	1	1	1	1	2	1	3	-	-	-	-	958
40	51	41	65	73	86	91	86	86	75	62	32	15	7	1	-	-	-	959
17	19	12	22	29	39	44	39	46	40	38	18	5	4	-	-	-	-	960
10	20	15	16	17	21	20	26	24	17	12	9	3	1	-	-	-	-	961
5	5	9	16	16	17	10	6	5	4	2	2	1	-	-	-	-	-	962
6	7	4	11	12	14	9	11	8	6	3	-	-	-	-	-	-	-	963
2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	964
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	965
27	49	92	112	141	144	154	159	135	132	101	77	38	7	4	1	-	-	966
10	11	40	44	54	63	71	87	76	66	57	39	22	2	2	1	-	-	967
14	31</																	

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

(Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated		
2	2	5	18	29	44	59	143	257	396	510	437	187	74	12	-	-	3	973	
-	1	4	11	17	28	34	75	148	230	291	227	108	27	4	-	-	-	974	
2	1	-	5	10	13	17	42	103	156	207	205	78	47	6	-	-	3	975	
-	-	-	1	-	1	5	2	4	6	8	2	-	-	2	-	-	-	976	
-	-	1	1	2	4	3	4	2	4	4	3	1	-	-	-	-	-	977	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	978	
34	23	21	15	17	6	6	12	4	7	11	9	7	1	-	-	-	-	979	
21	14	12	10	9	4	4	4	3	1	4	2	4	-	-	-	-	-	980	
12	6	7	5	6	2	2	7	1	4	6	7	3	1	-	-	-	-	981	
1	-	1	-	-	-	-	-	-	2	1	-	-	-	-	-	-	-	982	
-	3	1	-	2	-	-	1	-	-	-	-	-	-	-	-	-	-	983	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	984	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	985	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	986	
209	240	209	206	195	204	140	116	105	93	71	57	26	19	5	1	-	5	987	
101	126	99	109	99	95	67	57	55	41	37	31	12	9	1	-	-	3	988	
62	76	64	66	57	78	43	38	35	38	26	21	12	9	4	-	-	1	989	
27	25	28	19	28	27	29	12	10	9	6	3	1	1	-	-	-	1	990	
19	12	18	11	12	6	7	9	4	5	2	2	1	1	-	-	-	-	991	
-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	992	
-	1	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	993	
2	1	-	-	1	1	-	2	2	3	2	4	5	1	-	-	-	-	994	
-	1	-	-	-	1	-	2	1	2	1	3	1	1	-	-	-	-	995	
-	-	-	-	-	-	-	-	1	1	1	1	4	-	-	-	-	-	996	
1	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-	-	997	
1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	998	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	999	
-	1	-	-	-	-	1	5	9	7	7	13	5	3	-	-	-	-	1000	
-	-	-	-	-	-	1	2	2	4	4	6	4	1	-	-	-	-	1001	
-	1	-	-	-	-	2	6	6	5	3	6	1	2	-	-	-	-	1002	
-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	1003	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1004	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1005	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1006	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1007	
-	-	-	-	-	-	-	4	1	5	5	4	4	1	-	-	-	-	1008	
-	-	-	-	-	-	-	3	2	2	3	1	1	1	-	-	-	-	1009	
-	-	-	-	-	-	-	1	1	1	1	3	3	-	-	-	-	-	1010	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1011	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1012	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1013	
19	22	16	16	23	19	22	25	38	27	21	16	4	4	1	-	1	-	1014	
9	13	9	10	14	11	12	12	23	12	10	8	3	3	1	-	-	-	1015	
6	7	3	5	6	5	9	15	12	13	12	9	1	3	-	-	1	-	1016	
2	1	3	1	1	1	-	-	-	1	-	-	-	-	-	-	-	-	1017	
2	1	1	-	2	2	-	-	2	-	1	-	-	-	-	-	-	-	1018	
-	-	-	-	-	1	1	-	1	1	-	-	-	-	-	-	-	-	1019	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1020	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1021	
111	124	148	183	218	284	325	411	449	490	396	336	223	121	44	18	3	4	1022	
52	60	74	90	113	143	165	202	225	271	200	157	107	51	10	7	1	2	1023	
38	46	50	58	63	95	108	157	165	160	159	145	96	67	27	6	-	1	1024	
7	8	15	16	21	33	33	30	28	33	15	14	8	2	3	1	-	1	1025	
12	10	8	17	20	23	21	22	27	23	19	19	12	1	6	2	1	-	1026	
1	-	1	2	1	-	-	-	3	3	1	-	-	-	-	-	-	-	1027	
1	-	-	-	-	-	-	-	1	-	2	1	-	-	1	-	-	-	1028	
1,272	2,104	3,613	7,048	13,043	22,206	33,902	47,851	62,783	76,004	85,928	84,581	67,975	41,343	15,921	3,443	627	531	1029	
470	849	1,567	3,648	7,370	13,133	20,923	29,970	38,568	45,299	44,763	42,582	31,865	17,629	6,186	1,164	141	256	1030	
481	686	1,142	1,666	2,799	4,634	7,382	11,684	17,825	25,769	33,402	37,374	33,163	21,966	9,042	1,965	238	141	1031	
134	214	427	776	1,402	2,255	2,887	3,409	3,315	3,658	2,986	2,314	1,444	734	272	116	85	84	1032	
177	338	463	927	1,425	2,122	2,509	2,661	2,914	3,100	2,579	1,954	1,352	756	384	182	150	66	1033	
4	8	8	20	36	47	80	101	128	156	149	116	60	46	22	12	3	3	1034	
6	9	6	11	11	15	21	26	35	42	49	41	31	12	15	4	4	1	1035	
174	200	204	271	243	59	54	60	45	29	23	23	15	9	-	1	-	1	1036	
66	96	88	120	111	28	30	36	22	14	10	12	9	6	-	-	-	-	1037	
79	71	86	109	112	20	16	19	18	13	10	7	6	1	-	-	-	1	1038	
14	9	17	16	7	2	2	3	2	1	1	3	-	-	-	-	1	-	1039	
14	25	15	25	13	8	6	2	2	1	2	1	-	2	-	-	-	-	1040	
1	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1041
-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1042
960	1,658	3,073	6,193	11,978	21,000	32,284	45,710	59,777	71,708	77,757	76,006	58,778	34,273	12,422	2,579	469	481	1043	
375	683	1,380	3,547	6,975	12,670	20,167	28,913	37,001	41,134	41,704	38,432	27,499	14,775	4,846	871	107	216	1044	
326	518	936	1,666	2,454	4,261	6,923	11,051	16,871	24,248	30,852	33,653	26,741	10,175	7,032	1,470	189	124	1045	
111	180	368	652	1,247	2,075	2,774	3,163	3,057	3,309	2,691	2,049	1,270	637	213	85	65	74	1046	
141	256	373	772	1,255	1,935	2,321	2,462	2,692	2,835	2,326	1,733	1,172	649	301	144	114	63	1047	
3	8	6	16	36	45	78	97	124	144	139	103	68	28	18	7	11	3	1048	
4	8	8	10	11	14	21	24	32	40	46	36	28	9	12	2	3	1	1049	
405	624	921	1,198	1,522	1,932	2,089	2,167	2,058	1,924	1,619	1,420	1,038	563	181	43	10	19	1050	
153	243	372	534	709	858	956	1,058	1,047	914	752	708	431	213	57	10	-	6	1051	
176	269	449	525	659	874	943	929	854	850	729	609	538	312	107	23	4	4	1052	
33	32	56	69	70	99	98	102	81	91	75	53	28	17	8	2	1	4	1053	
40	70	40	69	79	98	86	71	66	52	43	37	21	8	8	5	5	5	1054	
1	2	2	-	4	2	3	6	2	3	8	4	2	-	-	-	-	-	1055	
2	2	2	1	1	1	3	1	3	3	3	3	2	-	-	-	-	-	1056	
121	186	305	388	532	691	759	855	914	1,000	943	908	732	418	150	36	9	9	1057	
36	71	120	177	244	293	351	407	450	476	448	469	310	152	46	9	-	3	1058	
65	87	154	174	228	311	309	340	355	403	395	359	368	234	89	18	3	1	1059	
10	6	14	12	26	45	42	58	52	72	55	41	22	13	6	2	1	1	1060	
9	18	16	24	31	40	54	45	53	51	39	33	31	19	8	7	5	4	1061	
2	2	-	-	2	1	1	4	1	1	2	3	1	-	-	-	-	-	1062	
1	2	1	1	1	1	2	1	3	2	4	2	-	-	-	-	-	-	1063	

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
VII.—Diseases of the circulatory system—Continued											
Diseases of heart—Continued											
Chronic rheumatic heart disease—Continued											
1064 411	Diseases of aortic valve specified as rheumatic	702	...	-	-	-	-	-	1	3	4
1065	White—Male	505	...	-	-	-	-	-	1	1	2
1066	Female	158	...	-	-	-	-	-	-	1	1
1067	Negro—Male	27	...	-	-	-	-	-	-	1	1
1068	Female	9	...	-	-	-	-	-	-	-	-
1070	Other—Male	3	...	-	-	-	-	-	-	-	-
1071	Female	-	...	-	-	-	-	-	-	-	-
1072 412	Diseases of tricuspid valve	24	...	-	-	-	-	-	-	-	-
1073	White—Male	15	...	-	-	-	-	-	-	-	-
1074	Female	8	...	-	-	-	-	-	-	-	-
1075	Negro—Male	1	...	-	-	-	-	-	-	-	-
1076	Female	-	...	-	-	-	-	-	-	-	-
1077	Other—Male	-	...	-	-	-	-	-	-	-	-
1078	Female	-	...	-	-	-	-	-	-	-	-
1079 413,414	Diseases of pulmonary valve, etc.,* specified as rheumatic	1,231	...	-	-	2	1	3	14	21	30
1080	White—Male	565	...	-	-	1	-	1	6	6	13
1081	Female	596	...	-	-	-	-	-	7	11	12
1082	Negro—Male	34	...	-	-	1	-	1	-	-	4
1083	Female	35	...	-	-	-	1	-	-	4	1
1084	Other—Male	2	...	-	-	-	-	-	-	-	-
1085	Female	1	...	-	-	-	-	-	1	-	-
1086 415,416	Other diseases of heart specified as rheumatic	9,368	...	2	6	5	6	19	79	164	210
1087	White—Male	4,114	...	1	1	1	3	5	27	65	107
1088	Female	4,392	...	-	2	1	3	6	29	58	65
1089	Negro—Male	448	...	2	3	2	2	7	10	25	21
1090	Female	395	...	-	-	1	-	1	12	17	16
1091	Other—Male	17	...	-	-	-	-	-	1	1	1
1092	Female	4	...	-	-	-	-	-	-	-	-
1092 420	Arteriosclerotic heart disease, including coronary disease	299,109	21	3	1	4	2	31	15	13	64
1093	White—Male	185,324	6	2	1	1	1	10	8	4	32
1094	Female	97,482	9	1	-	1	-	11	8	5	23
1095	Negro—Male	9,017	4	-	-	2	1	7	1	2	4
1096	Female	6,637	2	-	1	-	-	3	-	2	5
1097	Other—Male	525	-	-	-	-	-	-	-	-	-
1098	Female	124	-	-	-	-	-	-	-	-	-
1099 420.0	Arteriosclerotic heart disease so described	89,512	-	-	-	3	-	3	5	-	4
1100	White—Male	46,774	-	-	-	1	-	1	2	-	1
1101	Female	37,272	-	-	-	-	-	2	2	-	3
1102	Negro—Male	2,885	-	-	-	2	-	2	1	-	-
1103	Female	2,392	-	-	-	-	-	-	-	-	-
1104	Other—Male	157	-	-	-	-	-	-	-	-	-
1105	Female	42	-	-	-	-	-	-	-	-	-
1106 420.1	Heart disease specified as involving coronary arteries	207,023	21	3	1	1	2	28	10	13	58
1107	White—Male	136,969	6	2	-	-	1	9	6	4	30
1108	Female	59,464	9	1	-	1	-	11	4	5	20
1109	Negro—Male	5,987	4	-	-	-	1	5	2	2	4
1110	Female	4,146	2	-	1	-	-	3	-	2	4
1111	Other—Male	365	-	-	-	-	-	-	-	-	-
1112	Female	82	-	-	-	-	-	-	-	-	-
1113 420.2	Angina pectoris without mention of coronary disease	2,574	-	-	-	-	-	-	-	-	2
1114	White—Male	1,581	-	-	-	-	-	-	-	-	1
1115	Female	746	-	-	-	-	-	-	-	-	-
1116	Negro—Male	135	-	-	-	-	-	-	-	-	-
1117	Female	109	-	-	-	-	-	-	-	-	1
1118	Other—Male	3	-	-	-	-	-	-	-	-	-
1119	Female	-	-	-	-	-	-	-	-	-	-
1120 421	Chronic endocarditis not specified as rheumatic	11,307	...	7	9	3	2	21	9	18	24
1121	White—Male	5,147	...	3	1	1	1	6	2	6	10
1122	Female	4,269	...	2	4	1	-	7	5	7	7
1123	Negro—Male	941	...	1	2	1	1	5	1	4	5
1124	Female	920	...	1	1	-	-	2	1	1	2
1125	Other—Male	19	...	-	-	-	-	-	-	-	-
1126	Female	11	...	-	1	-	-	1	-	-	-
1127 421.0	Of mitral valve, specified as nonrheumatic	277	...	-	1	-	-	1	-	1	1
1128	White—Male	119	...	-	-	-	-	-	-	-	1
1129	Female	115	...	-	-	-	-	-	-	-	-
1130	Negro—Male	84	...	-	-	-	-	-	-	1	-
1131	Female	17	...	-	-	-	-	1	-	-	-
1132	Other—Male	2	...	-	1	-	-	-	-	-	-
1133	Female	-	...	-	-	-	-	-	-	-	-
1134 421.1	Of aortic valve, not specified as rheumatic	2,056	...	-	-	-	-	-	1	1	2
1135	White—Male	1,045	...	-	-	-	-	-	-	1	1
1136	Female	562	...	-	-	-	-	-	1	-	1
1137	Negro—Male	253	...	-	-	-	-	-	-	-	1
1138	Female	186	...	-	-	-	-	-	-	-	-
1139	Other—Male	4	...	-	-	-	-	-	-	-	-
1140	Female	4	...	-	-	-	-	-	-	-	-
1141 421.2-421.4	Of other valves, not specified as rheumatic	8,974	...	7	8	3	2	20	8	16	21
1142	White—Male	3,983	...	3	1	1	1	6	2	5	9
1143	Female	3,592	...	2	4	1	-	7	4	7	6
1144	Negro—Male	864	...	1	2	1	1	5	1	3	4
1145	Female	715	...	1	-	-	-	1	1	1	2
1146	Other—Male	13	...	-	-	-	-	-	-	-	-
1147	Female	7	...	-	1	-	-	1	-	-	-
1148 422	Other myocardial degeneration	60,094	...	17	13	3	3	36	15	28	55
1149	White—Male	37,835	...	9	5	1	1	16	5	10	29
1150	Female	34,594	...	7	3	1	1	16	5	10	14
1151	Negro—Male	3,969	...	-	2	1	-	3	3	2	7
1152	Female	3,505	...	1	3	-	1	5	2	4	5
1153	Other—Male	140	...	-	-	-	-	-	-	-	-
1154	Female	51	...	-	-	-	-	-	-	-	-
1155 422.1	With arteriosclerosis	34,648	...	1	2	-	-	3	4	2	3
1156	White—Male	15,979	...	1	1	-	-	2	2	2	2
1157	Female	16,125	...	-	-	-	-	-	2	1	-
1158	Negro—Male	1,323	...	-	-	-	-	-	-	1	1
1159	Female	1,172	...	-	1	-	-	1	-	1	-
1160	Other—Male	38	...	-	-	-	-	-	-	-	-
1161	Female	11	...	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Birth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
VII.—Diseases of the circulatory system—Continued											
Diseases of heart—Continued											
Other myocardial degeneration—Continued											
1162	422.0, 422.2 Without mention of arteriosclerosis	45,446	...	16	11	3	3	35	11	24	52
1163	White—Male	21,856	...	8	4	1	1	14	3	10	27
1164	Female	18,469	...	7	3	1	1	12	3	9	14
1165	Negro—Male	2,646	...	...	2	1	...	3	3	2	6
1166	Female	2,333	...	1	2	...	1	4	2	3	5
1167	Other—Male	102	...	...	...	...	...	...	...	...	...
1168	Female	40	...	...	...	...	...	...	...	...	...
1169	430-434 Other diseases of heart	23,616	82	32	18	19	14	165	51	60	133
1170	White—Male	12,172	46	9	6	7	4	72	16	29	52
1171	Female	7,516	26	15	5	11	7	64	16	20	40
1172	Negro—Male	2,229	6	7	5	1	2	21	7	5	14
1173	Female	1,612	3	1	2	...	...	6	11	6	25
1174	Other—Male	58	1	...	...	...	1	2	...	...	1
1175	Female	29	...	...	...	...	...	...	1	...	1
1176	430 Acute and subacute endocarditis	1,197	26	3	3	5	5	42	20	19	36
1177	White—Male	576	15	1	1	2	1	20	8	6	13
1178	Female	352	9	2	1	3	2	17	5	8	14
1179	Negro—Male	125	1	...	...	...	1	2	3	1	2
1180	Female	124	1	...	1	...	...	2	3	4	6
1181	Other—Male	5	...	...	...	...	1	1	...	...	...
1182	Female	3	...	...	...	...	...	...	1	...	1
1183	431 Acute myocarditis not specified as rheumatic	3,269	30	4	4	5	3	45	8	6	24
1184	White—Male	1,490	14	2	1	2	...	19	5	5	9
1185	Female	1,173	10	1	...	3	3	17	1	1	7
1186	Negro—Male	299	4	1	2	...	...	7	3	...	2
1187	Female	314	2	1	1	...	...	3	1	...	6
1188	Other—Male	3	...	...	...	...	...	...	...	...	...
1189	Female	...	...	...	...	...	...	...	...	...	...
1190	432 Acute pericarditis specified as nonrheumatic	42	5	1	...	...	1	7	...	1	1
1191	White—Male	28	3	1	...	...	1	5	...	...	1
1192	Female	7	1	...	...	...	...	1	...	1	...
1193	Negro—Male	1	...	...	...	...	...	...	...	...	...
1194	Female	5	...	...	...	...	...	...	...	...	...
1195	Other—Male	1	1	...	...	...	...	1	...	...	...
1196	Female	...	...	...	...	...	...	...	...	...	...
1197	433 Functional disease of heart	2,142	15	1	...	1	...	17	1	1	5
1198	White—Male	1,067	10	...	...	1	...	11	...	1	3
1199	Female	984	5	1	...	...	...	6	...	...	1
1200	Negro—Male	46	...	...	...	...	...	...	...	...	...
1201	Female	55	...	...	...	...	...	...	1	...	...
1202	Other—Male	5	...	...	...	...	...	...	...	...	1
1203	Female	5	...	...	...	...	...	...	...	...	...
1204	434 Other and unspecified diseases of heart	17,176	6	23	11	8	5	53	25	33	67
1205	White—Male	9,019	4	5	4	2	2	17	8	17	26
1206	Female	5,020	1	11	4	5	2	23	10	10	18
1207	Negro—Male	1,758	1	6	3	1	1	12	1	4	10
1208	Female	1,314	...	1	...	...	...	1	6	2	13
1209	Other—Male	44	...	...	...	...	...	...	...	...	...
1210	Female	21	...	...	...	...	...	...	...	...	...
1211	440-443 Hypertension with heart disease	83,608	...	...	1	1	...	2	1	8	14
1212	White—Male	31,912	...	...	...	1	...	1	1	4	4
1213	Female	36,744	...	...	...	...	...	...	...	2	3
1214	Negro—Male	7,042	...	...	1	...	...	1	...	2	3
1215	Female	7,892	...	...	...	...	...	...	...	...	3
1216	Other—Male	157	...	...	...	...	...	...	...	...	...
1217	Female	71	...	...	...	...	...	...	...	...	1
1218	442 Hypertensive heart disease with arteriolar nephrosclerosis	25,718	...	...	1	1	...	2	1	7	6
1219	White—Male	10,651	...	...	...	1	...	1	1	4	2
1220	Female	10,324	...	...	...	...	...	...	...	2	3
1221	Negro—Male	2,272	...	...	1	...	...	1	1	1	1
1222	Female	2,206	...	...	...	...	...	...	...	...	...
1223	Other—Male	42	...	...	...	...	...	...	...	...	...
1224	Female	23	...	...	...	...	...	...	...	...	...
1225	440, 441, 443 Essential hypertension with heart disease, etc.*	58,090	...	...	...	...	...	...	1	...	8
1226	White—Male	21,061	...	...	...	...	...	...	...	...	2
1227	Female	26,420	...	...	...	...	...	...	...	...	...
1228	Negro—Male	4,770	...	...	...	...	...	...	...	1	3
1229	Female	5,676	...	...	...	...	...	...	...	...	2
1230	Other—Male	115	...	...	...	...	...	...	...	...	1
1231	Female	48	...	...	...	...	...	...	...	...	...
1232	444-447 Hypertension without mention of heart	12,199	...	...	1	1	...	2	3	2	8
1233	White—Male	4,931	...	...	...	1	...	1	...	1	1
1234	Female	5,057	...	...	...	...	...	...	3	1	3
1235	Negro—Male	1,099	...	...	1	...	...	1	...	...	4
1236	Female	1,128	...	...	...	...	...	...	...	...	...
1237	Other—Male	20	...	...	...	...	...	...	...	...	...
1238	Female	5	...	...	...	...	...	...	...	...	...
1239	446 Hypertension with arteriolar nephrosclerosis, etc.*	5,628	...	...	...	...	...	...	3	1	1
1240	White—Male	2,605	...	...	...	...	...	...	...	...	...
1241	Female	2,122	...	...	...	...	...	...	3	1	...
1242	Negro—Male	453	...	...	...	...	...	...	...	...	1
1243	Female	436	...	...	...	...	...	...	...	...	...
1244	Other—Male	10	...	...	...	...	...	...	...	...	...
1245	Female	2	...	...	...	...	...	...	...	...	...
1246	444, 445, 447 Essential hypertension, other hypertensive disease, etc.*	6,571	...	...	1	1	...	2	1	1	7
1247	White—Male	2,326	...	...	...	...	...	1	...	1	1
1248	Female	2,935	...	...	...	...	...	...	...	...	3
1249	Negro—Male	605	...	...	1	...	...	1	...	...	...
1250	Female	692	...	...	...	...	...	...	...	...	...
1251	Other—Male	10	...	...	...	...	...	...	...	...	...
1252	Female	3	...	...	...	...	...	...	...	...	...
1253	450-456 Diseases of arteries	33,853	13	2	1	2	1	19	9	26	47
1254	White—Male	16,289	9	1	1	2	...	12	2	6	16
1255	Female	15,127	...	1	1	...	1	6	6	14	26
1256	Negro—Male	1,259	3	...	...	...	...	3	3	2	1
1257	Female	1,034	...	...	...	...	...	...	1	4	4
1258	Other—Male	62	...	...	...	...	...	...	...	...	...
1259	Female	22	1	...	...	...	...	1	...	...	...

*For complete category title, refer to table XIII.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

RACE, AND SEX: UNITED STATES, 1949—Continued

(deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
94	133	248	464	831	1,327	1,878	2,782	4,058	5,334	6,399	7,324	6,957	4,782	2,101	474	109	51	
38	30	93	191	344	629	937	1,508	2,238	2,846	3,187	3,581	3,153	2,019	811	153	26	18	
25	52	80	127	212	302	465	745	1,151	1,845	2,608	3,283	3,457	2,559	1,191	279	34	16	
14	18	32	62	132	215	264	286	355	545	320	241	174	97	43	10	15	9	
17	32	42	79	139	174	205	233	281	292	264	208	154	97	48	29	27	8	
-	1	-	4	2	5	5	8	11	12	16	7	12	9	4	2	4	-	
-	-	1	1	2	2	2	2	4	4	4	4	7	1	1	1	3	-	
186	258	355	552	840	1,213	1,585	2,097	2,571	3,032	3,124	3,047	2,364	1,414	563	125	31	40	
76	80	133	233	368	592	801	1,150	1,459	1,696	1,696	1,610	1,193	600	218	48	8	15	
42	71	98	128	196	248	314	454	633	855	1,073	1,167	994	722	307	57	10	7	
30	45	70	96	140	203	251	287	269	274	189	156	85	48	18	8	6	9	
35	61	53	92	114	166	223	196	208	196	158	106	83	40	21	12	7	9	
1	2	-	1	2	3	4	9	6	6	6	6	6	2	1	-	-	1174	
2	1	-	1	2	1	2	1	2	1	2	3	2	1	-	-	-	1175	
50	55	55	80	81	113	111	116	111	99	79	60	36	17	9	1	-	1176	
16	16	19	32	31	53	58	68	72	60	38	35	21	7	3	-	-	1177	
18	20	20	28	37	26	21	24	26	25	24	17	9	9	3	1	-	1178	
8	6	8	9	6	17	18	19	3	8	7	4	3	1	-	-	-	1179	
8	8	8	10	6	17	13	4	10	6	10	4	3	-	2	-	-	1180	
-	1	-	1	1	1	1	1	1	-	-	-	-	-	-	-	-	1181	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1182
24	30	46	75	119	156	211	248	349	402	431	406	342	259	78	20	6	4	
12	11	19	34	52	69	90	104	169	206	206	194	147	101	26	6	1	-	
6	7	11	19	26	38	44	65	102	119	177	167	127	49	11	2	2	1185	
2	4	10	15	19	27	36	43	35	37	19	16	16	5	-	-	2	1	
4	8	9	7	22	41	34	43	43	30	12	8	3	3	3	1	1	1187	
-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	1188
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1189
-	2	2	1	2	2	6	4	3	5	3	1	1	1	-	-	-	1190	
-	2	2	1	1	1	4	1	3	3	1	2	1	1	-	-	-	1191	
-	-	-	-	-	-	-	2	-	2	-	-	1	-	-	-	-	1192	
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1193
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1194
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1195
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1196
15	11	18	30	54	80	117	177	218	302	325	314	239	145	53	12	3	5	
6	4	8	13	30	47	47	92	111	145	169	166	117	66	23	4	1	3	
3	5	7	13	15	26	50	79	96	141	150	142	116	77	30	7	1	1199	
3	1	1	4	4	3	9	1	6	2	3	2	-	-	1	1	1	1200	
3	1	2	4	5	4	10	4	5	2	2	2	2	-	-	-	1	1201	
-	-	-	-	-	-	-	1	-	-	2	-	1	-	-	-	-	-	1202
-	-	-	-	-	-	-	-	-	3	-	1	-	-	-	-	-	-	1203
97	162	232	366	584	862	1,150	1,552	1,890	2,224	2,286	2,266	1,746	1,012	424	92	22	31	
42	53	85	153	274	422	602	865	1,103	1,282	1,281	1,214	908	166	36	6	12	1204	
15	39	60	68	118	158	199	284	410	568	724	831	701	508	225	38	8	4	
17	34	51	72	111	156	188	224	224	160	131	64	24	16	7	3	8	1206	
20	34	35	71	60	122	157	153	145	144	116	83	65	30	16	9	5	7	
1	1	-	1	1	3	3	3	6	7	3	5	5	2	1	-	-	1208	
2	1	1	1	-	1	1	1	2	2	2	2	3	2	-	-	-	1210	
60	156	396	859	1,794	3,249	5,041	7,137	9,309	11,704	13,180	13,110	9,995	5,596	1,750	344	81	82	
20	57	76	195	462	946	1,728	2,779	3,829	4,722	5,353	5,104	3,869	2,032	603	100	6	21	
16	22	104	178	468	921	1,583	2,372	3,472	4,903	6,139	6,789	5,378	3,158	1,011	191	16	18	
6	27	90	173	364	587	818	985	915	837	600	358	179	51	19	9	25	1214	
18	46	124	306	495	784	891	978	1,056	1,047	815	595	379	183	82	34	28	20	
-	-	1	4	2	8	11	18	28	29	14	7	3	2	-	-	-	1216	
-	3	1	3	3	5	10	5	9	8	11	8	4	1	1	-	-	1217	
33	72	170	281	548	874	1,300	1,790	2,319	3,142	3,870	4,197	3,691	2,331	858	165	33	30	
9	34	37	75	148	283	469	739	1,014	1,385	1,724	1,893	1,635	977	340	53	4	6	
10	11	46	82	136	231	374	499	786	1,125	1,587	1,767	1,202	470	89	8	5	1219	
4	9	36	57	114	151	234	289	289	327	308	208	143	75	20	12	5	9	
10	16	50	87	149	206	217	258	244	297	241	176	119	76	24	11	14	10	
-	-	-	-	-	-	-	2	4	5	6	5	4	1	1	-	-	1223	
-	2	1	-	-	4	4	1	1	1	2	4	3	-	1	-	-	1224	
27	84	228	578	1,246	2,375	3,741	5,347	6,990	8,562	9,310	8,913	6,304	3,225	894	179	28	52	
11	23	39	120	314	663	1,259	2,040	2,815	3,539	3,629	3,211	2,214	1,050	263	47	2	15	
6	11	58	116	232	456	790	1,209	1,873	2,666	3,778	4,552	3,611	1,656	541	102	8	13	
2	18	54	116	250	456	696	696	646	696	392	322	215	104	31	7	4	14	
8	30	74	219	346	578	674	720	812	750	572	419	260	107	58	23	14	10	
-	1	1	4	1	5	9	14	23	21	21	9	3	2	1	-	-	1229	
-	1	-	3	3	3	6	4	8	6	7	4	1	1	-	-	-	1231	
30	98	157	339	472	612	720	845	1,028	1,300	1,531	1,832	1,637	1,079	396	74	24	10	
8	27	46	88	139	205	295	363	468	565	664	797	689	414	140	17	2	1	
12	17	35	73	104	177	215	281	363	509	670	886	843	608	227	40	8	2	
4	16	30	76	109	112	102	114	107	99	97	76	49	28	17	7	4	6	
6	38	46	101	120	116	107	106	87	122	95	70	55	28	12	8	10	1	
-	-	-	-	-	-	-	-	-	2	4	3	1	-	-	-	-	1237	
-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	1238	
16	40	60	107	180	246	327	423	495	604	715	870	754	526	209	37	12	2	
6	10	17	31	53	95	147	199	238	305	356	415	395	242	84	8	2	-	
5	10	11	19	36	62	96	116	168	216	280	399	311	262	113	19	4	1	
3	5	12	22	38	51	49	59	46	38	44	36	26	9	6	1	1	1242	
2	15	20	35	61	38	35	48	41	43	32	28	22	12	6	3	5	-	
-	-	-	-	-	-	-	-	-	2	1	3	2	-	1	-	-	1244	
-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1245	
14	58	97	232	292	366	393	422	533	696	816	962	883	553	187	37	12	8	
2	17	29	57	84	110	148	164	230	260	308	382	294	172	56	9	-	1	
7	7	24	54	68	115	119	145	195	293	390	497	532	346	114	21	4	1	
1	11	18	34	71	61	53	55	61	53	40	23	19	11	1	3	5	1248	
4	23	26	66	69	78	72	58	46	79	63	42	33	16	6	5	5	1	
-	-	-	-	-	-	-	-	-	3	1	1	1	-	-	-	-	1251	
-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	1252
68	91	53	126	184	285	554	872	1,501	2,513	4,183	6,145	7,260	5,869	3,058	779	133	38	

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Birth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
VII.—Diseases of the circulatory system—Continued											
Diseases of heart—Continued											
Diseases of arteries—Continued											
1260	450	General arteriosclerosis-----	30,426	-	-	-	-	-	-	-	-
1261		White-----Male----	14,374	-	-	-	-	-	-	-	-
1262		Female----	14,002	-	-	-	-	-	-	-	-
1263		Negro-----Male----	1,068	-	-	-	-	-	-	-	-
1264		Female----	507	-	-	-	-	-	-	-	-
1265		Other-----Male----	56	-	-	-	-	-	-	-	-
1266		Female----	19	-	-	-	-	-	-	-	-
1267	451	Aortic aneurysm specified as nonsyphilitic, etc.*-----	1,487	-	-	1	-	1	-	-	6
1268		White-----Male----	990	-	-	-	-	-	-	-	5
1269		Female----	336	-	-	1	-	1	-	-	-
1270		Negro-----Male----	102	-	-	-	-	-	-	-	1
1271		Female----	55	-	-	-	-	-	-	-	-
1272		Other-----Male----	4	-	-	-	-	-	-	-	-
1273		Female----	-	-	-	-	-	-	-	-	-
1274	455	Gangrene of unspecified cause-----	529	7	1	-	1	9	-	2	-
1275		White-----Male----	171	5	1	-	1	7	-	-	-
1276		Female----	101	-	-	-	-	-	-	-	-
1277		Negro-----Male----	27	1	-	-	-	1	-	1	-
1278		Female----	28	-	-	-	-	-	-	-	-
1279		Other-----Male----	1	-	-	-	-	-	-	-	-
1280		Female----	1	1	-	-	-	1	-	-	-
1281	452-454, 456	Other arterial diseases-----	1,611	6	1	-	1	9	9	24	41
1282		White-----Male----	754	4	-	-	1	5	6	13	11
1283		Female----	698	-	1	-	-	2	2	6	26
1284		Negro-----Male----	62	2	-	-	-	2	2	2	1
1285		Female----	104	-	-	-	-	-	1	3	3
1286		Other-----Male----	1	-	-	-	-	-	-	-	-
1287		Female----	2	-	-	-	-	-	-	-	-
1288	460-469	Diseases of veins and other diseases of circulatory system-----	3,622	49	9	6	4	70	8	6	16
1289		White-----Male----	1,698	23	2	4	2	51	3	5	5
1290		Female----	1,517	18	4	2	4	29	3	1	6
1291		Negro-----Male----	195	3	2	-	-	5	2	-	5
1292		Female----	204	4	1	-	-	5	-	-	-
1293		Other-----Male----	6	-	-	-	-	-	-	-	-
1294		Female----	2	-	-	-	-	-	-	-	-
1295		VIII.—Diseases of the respiratory system-----	58,259	10,528	1,762	819	425	13,854	790	369	450
1296		White-----Male----	28,616	4,087	695	345	167	5,406	363	146	190
1297		Female----	19,301	3,220	602	281	151	4,354	264	127	137
1298		Negro-----Male----	5,470	1,622	229	92	49	2,023	90	51	63
1299		Female----	4,345	1,370	199	87	52	1,758	68	41	54
1300		Other-----Male----	318	127	19	8	3	162	6	2	5
1301		Female----	209	122	18	6	2	149	1	2	1
1302	470-475	Acute upper respiratory infections-----	912	367	94	55	45	34	590	52	20
1303		White-----Male----	379	152	44	25	20	16	242	27	9
1304		Female----	323	104	37	21	19	13	194	16	2
1305		Negro-----Male----	114	67	8	6	4	3	66	4	4
1306		Female----	83	45	3	2	2	2	54	4	1
1307		Other-----Male----	7	4	2	-	-	-	6	1	-
1308		Female----	6	5	-	1	-	-	6	-	-
1309	480-485	Influenza-----	4,602	788	128	50	23	19	1,006	65	33
1310		White-----Male----	1,704	244	50	21	7	11	333	24	8
1311		Female----	1,656	217	39	15	8	6	285	21	12
1312		Negro-----Male----	635	185	18	7	3	2	215	13	5
1313		Female----	586	132	17	7	5	-	161	6	8
1314		Other-----Male----	11	4	1	-	-	-	5	1	-
1315		Female----	10	6	1	-	-	-	7	-	-
1316	490-495	Pneumonia, except pneumonia of newborn-----	40,038	8,353	1,292	548	246	151	10,592	433	235
1317		White-----Male----	18,619	3,255	478	209	85	53	4,060	196	97
1318		Female----	13,747	2,562	443	189	68	56	3,536	139	86
1319		Negro-----Male----	3,996	1,292	182	65	34	18	1,661	56	31
1320		Female----	3,172	1,085	158	72	37	19	1,371	39	20
1321		Other-----Male----	272	116	15	8	3	4	146	3	1
1322		Female----	172	103	16	5	1	1	126	1	5
1323	490	Lobar pneumonia-----	14,365	1,563	259	108	56	35	2,021	140	92
1324		White-----Male----	7,072	610	79	44	18	12	761	63	33
1325		Female----	4,352	468	88	35	18	11	616	41	41
1326		Negro-----Male----	1,661	253	46	11	18	5	331	20	11
1327		Female----	1,164	201	41	16	7	6	271	14	7
1328		Other-----Male----	83	21	3	2	1	1	28	2	22
1329		Female----	33	10	2	-	-	-	12	-	-
1330	491	Bronchopneumonia-----	19,052	5,091	759	330	137	86	6,405	210	93
1331		White-----Male----	8,552	1,927	292	119	48	34	2,420	97	39
1332		Female----	6,979	1,521	253	112	54	33	1,975	70	30
1333		Negro-----Male----	1,716	775	99	44	13	8	939	26	14
1334		Female----	1,548	718	95	48	21	8	691	16	9
1335		Other-----Male----	147	73	9	3	1	2	88	-	1
1336		Female----	110	78	11	4	-	1	92	1	-
1337	492	Primary atypical pneumonia-----	2,107	593	113	40	23	12	781	37	26
1338		White-----Male----	1,535	258	50	21	10	3	543	16	15
1339		Female----	1,219	235	44	15	9	6	309	14	10
1340		Negro-----Male----	185	53	8	3	2	1	68	4	1
1341		Female----	146	31	8	1	2	2	44	1	4
1342		Other-----Male----	15	11	1	-	-	-	12	-	1
1343		Female----	7	4	1	-	-	-	5	-	-
1344	493	Pneumonia, other and unspecified-----	3,514	1,106	161	70	32	18	1,587	46	24
1345		White-----Male----	1,520	439	57	25	11	4	536	18	10
1346		Female----	1,197	358	59	27	9	6	438	14	7
1347		Negro-----Male----	434	171	28	7	3	4	213	6	5
1348		Female----	314	134	14	7	3	3	165	7	4
1349		Other-----Male----	27	11	2	3	1	1	16	1	-
1350		Female----	22	13	2	1	1	1	17	-	1
1351	500	Acute bronchitis-----	991	350	84	51	24	10	519	27	9
1352		White-----Male----	457	153	39	26	11	5	234	15	5
1353		Female----	367	114	28	18	10	3	173	10	4
1354		Negro-----Male----	78	39	7	4	1	1	52	1	1
1355		Female----	86	42	10	3	2	1	59	1	2
1356		Other-----Male----	2	-	-	-	-	-	2	-	-
1357		Female----	1	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

(Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
3	4	8	20	42	97	274	522	1,104	2,102	3,794	5,797	7,011	5,726	2,899	769	128	36	1260
-	1	4	7	13	40	117	249	580	1,080	1,928	2,956	3,452	2,505	1,145	268	31	18	1261
2	2	2	2	13	20	57	130	325	719	1,554	2,529	3,558	3,062	1,735	445	56	13	1262
1	1	1	3	8	18	56	84	175	388	715	1,167	1,415	1,077	540	115	16	4	1263
-	-	-	-	9	19	42	55	96	110	132	133	115	72	64	30	24	1	1264
-	-	-	-	-	-	-	3	1	5	5	8	10	17	4	3	1	-	1265
3	8	10	18	53	75	159	197	238	224	206	159	87	29	15	1	-	1	1266
2	5	8	8	27	38	104	142	170	178	137	99	48	14	5	-	-	-	1267
1	1	1	-	6	14	22	36	46	35	59	56	38	13	8	1	-	1	1268
1	2	1	6	14	17	21	11	12	10	4	1	1	-	-	-	-	-	1269
-	-	-	3	6	6	12	8	10	2	5	1	-	-	-	-	-	-	1270
-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1271
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1272
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1273
1	2	2	2	1	7	15	11	22	44	40	44	58	38	26	4	5	-	1274
1	2	2	2	6	6	9	6	7	7	18	23	29	23	14	1	-	-	1275
-	-	-	-	1	1	2	-	2	2	12	15	14	15	7	2	2	-	1276
-	-	-	-	-	-	1	1	6	2	4	3	4	4	2	1	-	-	1277
-	-	-	-	-	-	1	4	2	7	3	4	1	-	3	-	-	-	1278
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1279
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1280
62	78	75	86	88	105	109	142	157	145	143	146	104	78	30	5	1	1	1281
9	11	16	34	37	42	61	81	30	35	83	88	47	42	11	2	-	-	1282
43	53	39	35	40	49	56	44	46	47	55	51	55	32	17	2	-	-	1283
2	2	4	4	4	5	5	7	8	8	1	5	4	2	-	-	-	-	1284
8	12	15	15	7	10	6	9	3	6	1	2	1	2	-	-	-	-	1285
2	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1286
40	57	86	119	166	250	290	364	432	454	484	375	285	113	45	10	1	1	1287
10	20	23	42	68	104	140	190	240	230	219	175	132	50	25	5	1	-	1288
19	24	42	51	70	93	111	143	149	188	187	178	140	60	18	5	-	-	1289
3	5	6	14	13	25	24	26	21	21	15	10	4	1	2	-	-	-	1290
8	8	15	12	15	28	14	15	22	22	12	10	8	2	2	-	-	-	1291
-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	-	-	1292
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1293
-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1294
524	611	774	1,115	1,503	2,042	2,539	3,359	4,011	4,742	5,133	5,546	4,928	3,683	1,694	428	126	78	1295
214	215	300	483	715	1,063	1,455	2,088	2,547	2,805	2,874	2,898	2,354	1,656	636	172	24	30	1296
157	196	218	281	324	367	467	616	922	1,360	1,798	2,286	2,317	1,639	966	203	46	24	1297
63	85	138	202	277	358	368	361	325	304	245	187	136	87	30	23	24	12	1298
88	111	112	137	179	222	214	252	198	250	192	150	132	89	52	26	30	11	1299
2	2	3	9	7	6	8	15	13	21	20	13	6	9	6	1	1	1	1300
-	-	3	3	4	7	7	7	6	4	6	2	3	4	2	1	-	-	1301
6	12	17	12	14	12	17	16	13	19	21	15	18	16	10	5	3	-	1302
3	4	9	9	5	3	6	6	4	8	10	4	9	6	4	1	-	-	1303
3	3	7	7	4	3	6	7	7	11	9	9	9	10	6	4	-	-	1304
-	-	2	2	2	1	2	2	2	-	-	2	-	-	-	-	-	-	1305
-	-	3	3	3	3	5	5	1	1	1	-	-	-	-	-	-	-	1306
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1307
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1308
44	51	69	78	100	131	159	201	252	344	439	492	473	352	174	61	16	11	1309
19	12	19	25	25	41	51	80	101	131	178	211	190	138	63	22	3	3	1310
7	14	19	18	24	23	35	47	79	111	173	211	234	179	105	24	3	3	1311
9	4	15	15	24	32	44	38	44	47	48	21	20	17	3	7	6	1	1312
9	21	16	17	27	35	29	36	27	55	39	28	27	17	5	7	4	4	1313
1	-	-	-	-	-	-	-	1	-	1	1	-	-	-	1	-	-	1314
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1315
347	397	496	782	1,001	1,400	1,572	2,035	2,397	2,994	3,416	3,668	3,521	2,641	1,212	285	86	55	1316
151	156	179	333	466	688	842	1,170	1,388	1,617	1,794	1,975	1,673	1,202	464	122	17	21	1317
107	122	139	199	202	269	239	415	629	963	1,292	1,636	1,649	1,311	698	180	32	18	1318
44	66	94	148	204	273	285	247	222	225	174	140	103	59	21	11	13	9	1319
64	71	82	92	122	158	152	185	142	168	133	105	91	60	32	19	25	7	1320
1	1	1	6	6	6	6	12	10	19	18	11	4	6	6	-	-	-	1321
-	-	-	1	1	4	6	6	6	4	5	1	3	1	1	1	1	-	1322
156	197	262	441	561	783	846	1,035	1,147	1,285	1,399	1,502	1,194	774	301	64	19	16	1323
53	57	92	199	256	401	456	619	886	695	756	785	602	354	121	26	4	7	1324
47	50	69	94	108	127	123	168	272	348	498	602	501	370	167	30	5	4	1325
24	43	51	91	123	161	172	147	109	120	80	67	52	20	4	5	4	3	1326
33	45	49	54	70	89	67	94	72	74	55	46	38	25	8	3	6	2	1327
1	1	1	2	3	5	5	3	3	9	9	2	1	3	1	-	-	-	1328
-	-	-	1	1	2	5	4	2	2	2	-	-	2	-	-	-	-	1329
107	116	137	220	305	414	489	704	895	1,227	1,490	1,850	1,858	1,497	706	176	54	30	1330
47	42	50	84	142	198	270	389	500	666	751	929	848	683	265	76	10	11	1331
33	44	37	69	63	89	114	165	257	415	603	795	917	751	407	85	23	10	1332
8	16	26	39	56	77	64	73	79	79	65	54	42	34	11	4	5	4	1333
18	14	24	24	39	49	47	67	63	63	60	43	48	26	20	12	15	5	1334
-	-	-	5	3	1	2	8	4	9	7	9	2	3	4	-	-	-	1335
-	-	-	1	1	1	2	2	2	2	4	-	-	1	1	1	1	-	1336
46	51	61	63	89	124	131	182	211	283	275	272	211	152	57	14	3	3	1337
17	24	26	28	44	57	69	102	127	158	156	137	102	64	26	6	-	-	1338
16	21	23	23	23	39	46	59	63	101	108	127	105	84	30	5	2	1	1339
4	4	7	8	13	15	10	16	11	11	8	3	3	1	-	-	-	-	1340
9	5	5	4	9	14	9	11	4	13	4	5	1	3	1	-	-	-	1341
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1342
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1343
36	33	36	58	49	79	95	114	144	199	263	364	258	218	148	29	10	6	1344
14	13	11	22	24	33	48	60	75	98	131	124	121	101	54	12	3	2	1345
11	7	11	14	8	14	16	23	37	62	85	112	126	106	84	12	2	3	1346
8	6	10	11	12	22	22	17	13	20	21	16	6	4	6	1	3		

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated	
31	101	225	510	769	1,063	1,223	1,450	1,420	1,261	981	724	393	154	39	7	2	4	1456
13	37	101	294	398	660	753	957	911	793	591	435	208	75	19	1	2	2	1457
12	40	88	153	277	330	378	391	441	407	346	273	174	74	17	6	1	2	1458
2	9	16	36	48	48	56	65	39	32	25	11	6	1	2	1	1	1	1459
4	12	19	27	40	41	31	31	21	20	15	4	5	3	1	1	1	1	1460
2	2	1	1	2	4	3	5	8	8	4	1	1	1	1	1	1	1	1461
1	1	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1462
7	47	150	309	398	450	503	446	403	244	128	76	24	3	1	1	1	6	1463
3	17	62	175	236	304	341	329	312	187	95	65	20	3	1	1	1	1	1464
3	19	59	107	130	114	130	98	74	49	28	9	4	1	1	1	1	1	1465
1	4	5	15	19	20	19	14	12	6	3	2	1	1	1	1	1	1	1466
1	4	4	11	10	9	9	6	3	1	1	1	1	1	1	1	1	1	1467
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1468
9	32	64	115	206	321	419	648	813	948	975	830	547	251	83	14	2	2	1469
1	15	36	64	107	156	226	226	315	328	340	284	182	73	23	3	1	1	1470
8	26	45	67	123	189	259	394	473	586	610	527	357	175	68	10	1	1	1471
1	1	1	3	5	4	4	10	6	7	9	2	3	1	1	1	1	1	1472
1	1	1	2	7	12	18	16	17	16	23	16	8	6	1	1	1	1	1473
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1474
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1475
21	140	221	328	369	472	558	612	658	719	669	591	376	227	70	23	2	6	1476
24	45	88	140	176	216	265	321	376	430	376	290	174	94	32	4	1	3	1477
32	46	66	106	120	161	195	210	264	281	299	283	187	126	36	16	1	1	1478
10	22	36	36	33	48	57	43	32	33	24	14	8	3	2	1	1	1	1479
14	27	28	45	39	45	36	36	23	27	20	4	6	4	2	1	3	1	1480
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1481
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1482
631	768	865	1,199	1,540	1,904	2,403	3,196	3,936	5,068	5,602	6,242	5,019	2,926	1,067	232	54	57	1483
289	318	307	414	544	690	951	1,411	1,991	2,565	3,130	3,693	3,034	1,759	613	107	11	17	1484
228	267	326	410	524	623	790	1,039	1,162	1,590	1,692	1,687	1,549	954	344	84	9	3	1485
34	62	82	146	185	254	346	411	479	560	501	461	279	124	73	24	17	26	1486
75	109	147	220	283	322	320	324	289	337	267	193	149	82	37	16	17	4	1487
1	4	1	6	4	11	10	7	9	11	9	11	6	5	1	1	1	1	1488
4	8	2	3	4	4	6	4	6	5	3	7	2	3	1	1	1	1	1489
497	589	852	909	1,181	1,501	1,823	2,311	2,681	3,298	3,469	3,739	3,033	1,780	842	146	38	41	1490
254	277	264	348	451	571	729	958	1,236	1,439	1,537	1,694	1,380	769	256	45	4	14	1491
162	186	230	279	361	463	574	780	866	1,220	1,379	1,567	1,333	849	311	70	8	5	1492
30	51	65	115	146	186	237	279	316	335	296	285	171	80	40	14	10	16	1493
47	66	90	160	219	259	270	285	294	250	294	182	144	79	35	16	16	4	1494
1	4	1	4	4	9	7	5	6	7	4	6	2	2	1	1	1	1	1495
3	3	2	3	3	3	6	4	6	3	3	3	1	1	1	1	1	1	1496
72	82	92	122	123	148	129	158	170	185	189	171	140	76	26	4	1	3	1497
32	34	31	40	48	59	53	72	68	82	86	88	65	33	13	1	1	1	1498
21	21	28	31	35	39	33	41	60	64	66	62	65	42	11	2	1	1	1499
8	11	17	24	20	22	19	18	25	17	22	17	7	1	2	1	1	1	1500
6	16	16	27	20	27	22	25	16	17	14	4	3	1	1	1	1	1	1501
3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1502
39	43	37	57	69	79	88	101	101	114	118	123	100	43	16	3	2	1	1503
23	19	12	26	26	33	38	47	47	49	52	52	46	22	6	1	1	1	1504
9	15	11	9	20	23	29	25	31	47	48	52	44	18	8	2	1	1	1505
3	3	8	13	8	13	11	15	15	9	9	12	3	1	1	1	1	1	1506
4	6	6	9	14	10	10	16	8	9	9	7	2	1	1	1	1	1	1507
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1508
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1509
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1510
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1511
386	464	523	730	989	1,274	1,606	2,062	2,410	2,999	3,163	3,445	2,793	1,661	600	139	35	37	1512
199	224	221	282	377	479	638	839	1,121	1,308	1,399	1,554	1,269	714	237	44	4	13	1513
132	150	191	239	306	401	512	716	775	1,109	1,265	1,453	1,226	789	292	66	8	5	1514
19	37	40	78	118	161	207	246	276	307	265	256	161	78	37	15	6	14	1515
35	44	68	124	185	222	238	244	227	268	227	171	134	77	34	15	8	14	1516
1	4	1	4	3	9	5	6	6	6	4	6	2	2	1	1	1	1	1517
48	62	59	63	123	156	225	280	330	367	389	402	280	141	55	11	2	5	1518
19	21	18	25	36	58	74	129	142	152	201	200	133	71	29	6	1	1	1519
23	28	28	29	49	56	97	103	145	164	160	180	133	64	22	5	1	2	1520
2	5	5	4	13	18	14	25	27	24	16	16	9	4	2	1	1	1	1521
4	5	9	16	20	26	26	31	21	26	9	6	3	2	2	1	1	1	1522
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1523
10	11	20	43	52	59	93	161	150	169	111	101	60	23	5	1	1	1	1524
5	4	11	24	23	31	46	76	92	94	71	64	38	20	4	1	1	1	1525
4	6	6	15	21	24	37	70	49	67	38	33	22	3	1	1	1	1	1526
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1527
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1528
20	27	33	52	58	70	91	117	144	196	213	217	148	97	31	13	1	2	1529
11	15	14	14	27	39	60	77	77	100	125	125	81	60	19	5	1	1	1530
5	7	8	14	11	17	21	28	34	57	53	71	45	32	9	8	1	1	1531
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1532
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1533
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1534
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1535
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1536
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1537
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1538
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1539
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1540
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1541
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1542
1	1	1	1</															

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
X.—Diseases of the genito-urinary system—Continued											
1555	622-637 Diseases of female genital organs—	991	3	-	1	1	-	5	-	4	28
1556	White—Female—	749	2	-	1	1	-	4	-	1	18
1557	Negro—Female—	237	1	-	-	-	-	1	-	2	9
1558	Other—Female—	5	-	-	-	-	-	-	-	1	1
1559	XI.—Deliveries and complications of pregnancy, childbirth, and the puerperium—	3,216	...	...	...	...	...	...	...	16	346
1560	White—Female—	2,099	...	...	...	...	...	...	...	5	174
1561	Negro—Female—	1,077	...	...	...	...	...	...	...	11	168
1562	Other—Female—	40	...	...	...	...	...	...	...	-	6
1563	640,641. Sepsis of pregnancy, childbirth, and puerperium—	516	...	...	...	...	...	...	...	1	60
1564	White—Female—	358	...	...	...	...	...	...	...	-	30
1565	Negro—Female—	149	...	...	...	...	...	...	...	1	27
1566	Other—Female—	9	...	...	...	...	...	...	...	-	3
1567	642,645,646. Toxemias of pregnancy and puerperium, etc.*	1,035	...	...	...	...	...	...	...	13	160
1568	White—Female—	652	...	...	...	...	...	...	...	4	74
1569	Negro—Female—	372	...	...	...	...	...	...	...	9	64
1570	Other—Female—	9	...	...	...	...	...	...	...	-	2
1571	643,644. Hemorrhage of pregnancy and childbirth—	545	...	...	...	...	...	...	...	-	32
1572	White—Female—	371	...	...	...	...	...	...	...	-	21
1573	Negro—Female—	168	...	...	...	...	...	...	...	-	11
1574	Other—Female—	6	...	...	...	...	...	...	...	-	-
1575	645. Ectopic pregnancy—	203	...	...	...	...	...	...	...	-	8
1576	White—Female—	108	...	...	...	...	...	...	...	-	3
1577	Negro—Female—	90	...	...	...	...	...	...	...	-	5
1578	Other—Female—	5	...	...	...	...	...	...	...	-	-
1579	650. Abortion without mention of sepsis or toxemia—	99	...	...	...	...	...	...	...	-	9
1580	White—Female—	62	...	...	...	...	...	...	...	-	8
1581	Negro—Female—	35	...	...	...	...	...	...	...	-	1
1582	Other—Female—	2	...	...	...	...	...	...	...	-	-
1583	651. Abortion with sepsis—	261	...	...	...	...	...	...	...	1	35
1584	White—Female—	154	...	...	...	...	...	...	...	1	13
1585	Negro—Female—	105	...	...	...	...	...	...	...	-	21
1586	Other—Female—	2	...	...	...	...	...	...	...	-	1
1587	652. Abortion with toxemia, without mention of sepsis—	34	...	...	...	...	...	...	...	-	2
1588	White—Female—	20	...	...	...	...	...	...	...	-	-
1589	Negro—Female—	14	...	...	...	...	...	...	...	-	2
1590	Other—Female—	-	...	...	...	...	...	...	...	-	-
1591	Residual. Other complications of pregnancy, childbirth, and puerperium—	525	...	...	...	...	...	...	...	1	42
1592	White—Female—	374	...	...	...	...	...	...	...	-	25
1593	Negro—Female—	144	...	...	...	...	...	...	...	1	17
1594	Other—Female—	7	...	...	...	...	...	...	...	-	-
1595	XIII.—Diseases of the skin and cellular tissue—	1,421	96	20	6	5	5	132	10	22	24
1596	White—Male—	597	50	7	1	2	2	62	5	9	7
1597	Female—	595	23	7	1	2	1	34	4	12	11
1598	Negro—Male—	115	11	3	4	1	2	21	-	-	2
1599	Female—	125	9	3	-	-	-	12	-	1	4
1600	Other—Male—	6	2	-	-	-	-	2	-	-	-
1601	Female—	5	1	-	-	-	-	1	1	-	-
1602	690-698. Infections of skin and subcutaneous tissue—	415	47	6	5	1	3	64	5	6	9
1603	White—Male—	195	26	3	1	-	-	30	3	3	4
1604	Female—	129	11	3	1	1	1	17	2	2	3
1605	Negro—Male—	49	3	1	3	-	2	9	-	-	1
1606	Female—	59	4	1	-	-	-	5	-	-	1
1607	Other—Male—	4	2	-	-	-	-	2	-	-	-
1608	Female—	1	1	-	-	-	-	1	-	-	-
1609	700-716. Other diseases of skin and subcutaneous tissue—	1,009	49	12	1	4	2	66	5	17	15
1610	White—Male—	394	24	4	-	2	2	32	2	6	3
1611	Female—	454	12	4	-	1	-	17	2	10	8
1612	Negro—Male—	67	0	2	1	1	-	12	-	-	1
1613	Female—	87	5	2	-	-	-	7	-	1	3
1614	Other—Male—	2	-	-	-	-	-	-	-	-	-
1615	Female—	4	-	-	-	-	-	-	1	-	-
1616	XIII.—Diseases of the bones and organs of movement—	2,964	105	20	12	4	5	146	22	37	61
1617	White—Male—	1,157	50	11	8	2	3	74	8	23	40
1618	Female—	1,517	46	8	2	2	1	59	12	9	9
1619	Negro—Male—	122	6	-	1	-	1	8	1	3	8
1620	Female—	156	2	1	1	-	-	4	1	2	3
1621	Other—Male—	7	1	-	-	-	-	1	-	-	1
1622	Female—	5	-	-	-	-	-	-	-	-	-
1623	720-725. Arthritis and spondylitis—	1,771	-	1	-	-	2	3	4	3	7
1624	White—Male—	545	-	-	-	-	-	-	1	1	1
1625	Female—	1,054	-	1	-	-	1	2	1	1	4
1626	Negro—Male—	61	-	-	-	-	1	1	1	1	1
1627	Female—	104	-	-	-	-	-	1	1	-	1
1628	Other—Male—	3	-	-	-	-	-	-	-	-	1
1629	Female—	4	-	-	-	-	-	-	-	-	-
1630	726,727. Muscular rheumatism and rheumatism, unspecified—	97	-	1	-	-	-	1	-	1	-
1631	White—Male—	45	-	1	-	-	-	1	-	1	-
1632	Female—	41	-	-	-	-	-	-	-	-	-
1633	Negro—Male—	3	-	-	-	-	-	-	-	-	-
1634	Female—	10	-	-	-	-	-	-	-	-	-
1635	Other—Male—	-	-	-	-	-	-	-	-	-	-
1636	Female—	-	-	-	-	-	-	-	-	-	-
1637	730. Osteomyelitis and periostitis—	219	4	1	2	1	2	10	3	5	5
1638	White—Male—	125	-	-	1	-	2	3	2	2	3
1639	Female—	54	2	1	1	1	5	1	1	1	-
1640	Negro—Male—	25	2	-	-	-	2	-	-	1	2
1641	Female—	15	-	-	-	-	-	-	-	1	-
1642	Other—Male—	2	-	-	-	-	-	-	-	-	-
1643	Female—	-	-	-	-	-	-	-	-	-	-
1644	737,745-749. Ankylosis and acquired musculoskeletal deformities—	77	19	-	1	2	-	22	1	3	3
1645	White—Male—	37	8	-	1	2	-	11	-	-	1
1646	Female—	26	7	-	-	-	-	7	1	1	1
1647	Negro—Male—	7	2	-	-	-	-	2	-	1	1
1648	Female—	5	1	-	-	-	-	1	-	1	-
1649	Other—Male—	2	1	-	-	-	-	1	-	-	-
1650	Female—	-	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years	
XIII.—Diseases of the bones and organs of movement—Continued												
1651	751-756, 758-744	All other diseases of musculoskeletal system-----	800	82	17	9	1	1	110	14	25	46
1652		White-----Male-----	409	42	10	6	--	1	59	5	19	36
1653		Female-----	342	37	6	1	1	--	45	9	8	4
1654		Negro-----Male-----	26	2	--	1	--	--	3	--	--	4
1655		Female-----	22	1	1	1	--	--	3	--	--	2
1656		Other-----Male-----	--	--	--	--	--	--	--	--	--	--
1657		Female-----	1	--	--	--	--	--	--	--	--	--
1658		XIV.—Congenital malformations-----	18,864	14,504	781	580	227	125	16,017	358	214	220
1659		White-----Male-----	9,458	7,269	372	178	105	66	7,990	180	111	118
1660		Female-----	7,742	5,972	356	157	101	42	6,608	133	82	85
1661		Negro-----Male-----	876	867	32	23	11	13	746	21	8	10
1662		Female-----	692	506	34	17	8	4	569	22	11	7
1663		Other-----Male-----	85	53	2	3	--	--	58	--	2	--
1664		Female-----	55	37	5	2	2	--	46	2	--	--
1665	751	Spina bifida and meningocoele-----	1,980	1,813	61	19	12	6	1,911	14	12	8
1666		White-----Male-----	837	772	29	12	6	1	811	5	5	4
1667		Female-----	1,036	957	40	7	6	5	1,015	9	6	3
1668		Negro-----Male-----	46	45	--	--	--	--	45	--	--	1
1669		Female-----	35	31	1	--	--	--	32	--	1	--
1670		Other-----Male-----	6	6	--	--	--	--	6	--	--	--
1671		Female-----	2	2	--	--	--	--	2	--	--	--
1672	752,753	Congenital hydrocephalus, etc.*-----	1,951	1,356	219	109	61	54	1,779	73	31	22
1673		White-----Male-----	857	578	152	48	27	17	772	37	17	6
1674		Female-----	915	669	95	42	27	13	846	24	11	12
1675		Negro-----Male-----	96	61	10	10	3	2	86	5	--	4
1676		Female-----	75	58	12	8	2	2	62	7	3	--
1677		Other-----Male-----	6	6	--	--	--	--	6	--	--	--
1678		Female-----	7	4	--	1	2	--	7	--	--	--
1679	754	Congenital malformations of circulatory system-----	8,569	6,443	335	160	113	54	7,105	197	128	149
1680		White-----Male-----	4,410	3,361	170	79	55	30	3,685	96	65	80
1681		Female-----	3,354	2,434	135	65	49	14	2,757	72	46	60
1682		Negro-----Male-----	402	300	9	8	5	2	330	14	8	2
1683		Female-----	348	249	17	6	4	8	277	14	7	7
1684		Other-----Male-----	28	22	1	1	--	--	24	--	2	--
1685		Female-----	26	19	5	--	--	--	22	1	--	--
1686	750,755-759	Other congenital malformations-----	6,565	4,892	166	92	41	31	5,222	74	43	41
1687		White-----Male-----	3,334	2,358	90	39	17	18	2,712	42	24	28
1688		Female-----	2,439	1,852	66	43	19	10	1,990	28	19	10
1689		Negro-----Male-----	335	261	13	5	3	3	285	2	--	3
1690		Female-----	238	189	4	3	2	--	198	1	--	--
1691		Other-----Male-----	23	19	1	2	--	--	22	--	--	--
1692		Female-----	18	13	2	--	--	--	15	1	--	--
1693		XV.—Certain diseases of early infancy-----	64,179	64,158	12	--	2	1	64,173	4	--	--
1694		White-----Male-----	31,115	31,103	7	--	1	1	31,112	2	--	--
1695		Female-----	21,460	21,456	2	--	--	--	21,458	1	--	--
1696		Negro-----Male-----	6,280	6,278	1	--	1	--	6,280	--	--	--
1697		Female-----	4,856	4,854	1	--	--	--	4,856	--	--	--
1698		Other-----Male-----	265	265	--	--	--	--	265	1	--	--
1699		Female-----	203	202	1	--	--	--	203	--	--	--
1700	760,761	Birth injuries-----	12,314	12,312	1	--	--	--	12,313	--	--	--
1701		White-----Male-----	6,551	6,550	1	--	--	--	6,551	--	--	--
1702		Female-----	4,062	4,061	--	--	--	--	4,061	--	--	--
1703		Negro-----Male-----	959	959	--	--	--	--	959	--	--	--
1704		Female-----	670	670	--	--	--	--	670	--	--	--
1705		Other-----Male-----	43	43	--	--	--	--	43	--	--	--
1706		Female-----	29	29	--	--	--	--	29	--	--	--
1707	762	Postnatal asphyxia and atelectasis-----	13,239	13,238	--	--	--	--	13,238	--	--	--
1708		White-----Male-----	6,789	6,789	--	--	--	--	6,788	--	--	--
1709		Female-----	4,424	4,424	--	--	--	--	4,424	--	--	--
1710		Negro-----Male-----	1,112	1,112	--	--	--	--	1,112	--	--	--
1711		Female-----	825	825	--	--	--	--	825	--	--	--
1712		Other-----Male-----	44	44	--	--	--	--	44	--	--	--
1713		Female-----	45	45	--	--	--	--	45	--	--	--
1714	763-769	Infections of newborn-----	4,471	4,471	--	--	--	--	4,471	--	--	--
1715		White-----Male-----	1,938	1,938	--	--	--	--	1,939	--	--	--
1716		Female-----	1,350	1,350	--	--	--	--	1,350	--	--	--
1717		Negro-----Male-----	633	633	--	--	--	--	633	--	--	--
1718		Female-----	474	474	--	--	--	--	474	--	--	--
1719		Other-----Male-----	41	41	--	--	--	--	41	--	--	--
1720		Female-----	35	35	--	--	--	--	35	--	--	--
1721	770	Hemolytic disease of newborn (erythroblastosis)-----	2,519	2,503	9	--	2	1	2,515	4	--	--
1722		White-----Male-----	1,391	1,381	6	--	1	1	1,389	2	--	--
1723		Female-----	944	941	2	--	--	--	943	1	--	--
1724		Negro-----Male-----	103	102	--	--	1	--	103	--	--	--
1725		Female-----	74	72	1	--	--	--	73	1	--	--
1726		Other-----Male-----	7	7	--	--	--	--	7	--	--	--
1727		Female-----	--	--	--	--	--	--	--	--	--	--
1728	769,771,772	All other defined diseases of early infancy-----	3,466	3,465	1	--	--	--	3,466	--	--	--
1729		White-----Male-----	1,504	1,504	--	--	--	--	1,504	--	--	--
1730		Female-----	1,065	1,065	--	--	--	--	1,065	--	--	--
1731		Negro-----Male-----	495	495	--	--	--	--	495	--	--	--
1732		Female-----	350	350	--	--	--	--	350	--	--	--
1733		Other-----Male-----	26	26	--	--	--	--	26	--	--	--
1734		Female-----	26	25	1	--	--	--	26	--	--	--
1735	773-776	Ill-defined diseases peculiar to early infancy, and im- maturity unqualified-----	28,170	28,168	1	--	--	--	28,169	--	--	--
1736		White-----Male-----	12,941	12,941	--	--	--	--	12,941	--	--	--
1737		Female-----	9,615	9,615	--	--	--	--	9,615	--	--	--
1738		Negro-----Male-----	2,978	2,977	1	--	--	--	2,978	--	--	--
1739		Female-----	2,463	2,463	--	--	--	--	2,463	--	--	--
1740		Other-----Male-----	104	104	--	--	--	--	104	--	--	--
1741		Female-----	68	68	--	--	--	--	68	--	--	--

* For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
1742	XVI.—Symptoms, senility, and ill-defined conditions---	25,520	3,611	241	150	67	44	4,313	121	99	133
1743	White—Male---	8,959	1,042	67	47	20	20	1,196	39	24	38
1744	White—Female---	5,530	738	53	31	21	9	852	28	19	30
1745	Negro—Male---	4,279	1,072	54	41	17	4	1,188	26	26	26
1746	Negro—Female---	3,619	858	41	25	8	11	923	25	25	34
1747	Other—Male---	256	75	12	-	-	-	85	3	4	1
1748	Other—Female---	198	48	14	6	1	-	69	-	1	4
1749	794 Senility without mention of psychosis---	6,359	-	-	-	-	-	-	-	-	-
1750	White—Male---	2,340	-	-	-	-	-	-	-	-	-
1751	White—Female---	2,878	-	-	-	-	-	-	-	-	-
1752	Negro—Male---	511	-	-	-	-	-	-	-	-	-
1753	Negro—Female---	559	-	-	-	-	-	-	-	-	-
1754	Other—Male---	37	-	-	-	-	-	-	-	-	-
1755	Other—Female---	34	-	-	-	-	-	-	-	-	-
1756	780-793,795 Symptoms, ill-defined and unknown causes---	17,161	3,611	241	150	67	44	4,313	121	99	133
1757	White—Male---	8,519	1,042	67	47	20	20	1,196	39	24	38
1758	White—Female---	3,482	738	53	31	21	9	852	28	19	30
1759	Negro—Male---	3,768	1,072	54	41	17	4	1,188	26	26	26
1760	Negro—Female---	3,059	858	41	25	8	11	923	25	25	34
1761	Other—Male---	199	75	12	-	-	-	85	3	4	1
1762	Other—Female---	164	46	14	6	1	-	69	-	1	4
1763	XVII.—Accidents, poisonings, and violence---	115,148	3,858	1,764	1,385	910	756	8,673	3,081	2,639	5,712
1764	White—Male---	70,287	1,737	851	732	431	375	4,106	1,741	1,675	3,809
1765	White—Female---	29,379	1,223	615	454	283	236	2,811	837	548	991
1766	Negro—Male---	11,039	474	182	102	97	78	933	297	299	699
1767	Negro—Female---	3,676	587	122	85	91	65	750	176	95	164
1768	Other—Male---	587	16	8	9	7	1	41	17	19	34
1769	Other—Female---	180	21	6	5	1	1	32	13	3	15
1770	E900-E962 Accidents---	90,108	3,730	1,739	1,567	893	740	8,469	3,004	2,535	5,013
1771	White—Male---	54,876	1,662	822	721	422	365	4,012	1,705	1,619	3,510
1772	White—Female---	24,632	1,175	606	451	280	233	2,745	814	529	869
1773	Negro—Male---	7,184	460	179	102	92	77	910	285	281	497
1774	Negro—Female---	2,688	376	120	81	91	63	731	172	87	97
1775	Other—Male---	436	16	7	9	7	1	40	17	17	28
1776	Other—Female---	140	21	5	3	1	1	31	11	2	11
1777	E900-E902 Railway accidents---	2,119	1	17	17	6	4	45	37	33	55
1778	White—Male---	1,561	-	5	9	2	1	17	18	21	34
1779	White—Female---	191	1	8	6	3	1	19	12	5	9
1780	Negro—Male---	317	-	2	2	-	1	5	5	3	6
1781	Negro—Female---	24	-	2	-	1	1	4	4	1	1
1782	Other—Male---	25	-	-	-	-	-	-	2	-	3
1783	Other—Female---	1	-	-	-	-	-	-	-	-	-
1784	E810-E835 Motor-vehicle accidents---	31,701	211	414	414	326	302	1,667	1,289	889	2,869
1785	White—Male---	21,642	98	204	230	165	165	752	548	358	2,033
1786	White—Female---	6,700	93	175	148	116	92	624	358	230	603
1787	Negro—Male---	2,433	13	17	13	28	28	99	118	84	178
1788	Negro—Female---	651	6	15	16	17	15	69	52	21	34
1789	Other—Male---	187	2	2	5	-	1	8	7	4	12
1790	Other—Female---	58	1	1	2	-	1	5	2	2	8
1791	E810-E825 Motor-vehicle traffic accidents---	30,863	201	234	340	294	276	1,345	1,244	857	2,828
1792	White—Male---	21,051	93	113	186	147	148	667	722	539	1,999
1793	White—Female---	6,527	98	102	123	105	85	503	348	228	600
1794	Negro—Male---	2,401	13	13	12	26	27	87	114	63	176
1795	Negro—Female---	635	6	7	13	17	14	57	52	21	34
1796	Other—Male---	191	-	1	4	-	1	6	8	4	11
1797	Other—Female---	58	1	1	2	-	1	5	2	2	8
1798	E810 Motor-vehicle traffic accident with railway train*---	1,462	9	14	11	7	12	53	27	37	168
1799	White—Male---	1,048	5	9	4	3	4	25	17	23	121
1800	White—Female---	317	3	5	6	4	7	25	8	14	39
1801	Negro—Male---	57	-	-	-	-	-	3	3	5	5
1802	Negro—Female---	26	1	-	1	-	1	3	1	-	2
1803	Other—Male---	4	-	-	-	-	-	-	-	-	1
1804	Other—Female---	-	-	-	-	-	-	-	-	-	-
1805	E812 Motor-vehicle traffic accident to pedestrian---	8,298	13	110	191	167	160	681	845	258	216
1806	White—Male---	5,453	3	49	112	98	98	359	487	154	139
1807	White—Female---	1,731	9	48	57	59	53	226	230	64	50
1808	Negro—Male---	707	1	9	10	19	18	57	86	24	21
1809	Negro—Female---	239	1	4	9	11	11	36	37	14	5
1810	Other—Male---	61	-	1	2	-	-	2	4	1	1
1811	Other—Female---	17	-	1	1	-	-	2	1	1	2
1812	E811, E813-E819 Other motor-vehicle traffic accidents, etc.*---	9,064	89	35	44	33	28	229	179	329	944
1813	White—Male---	6,142	40	17	22	11	9	99	113	231	707
1814	White—Female---	2,149	40	17	19	14	10	108	48	75	182
1815	Negro—Male---	589	7	1	1	1	1	11	10	21	43
1816	Negro—Female---	145	1	-	1	2	2	6	6	-	7
1817	Other—Male---	40	-	-	1	2	2	1	1	2	2
1818	Other—Female---	19	-	-	-	-	-	2	1	-	3
1819	E820-E824 Motor-vehicle noncollision traffic accidents---	6,897	39	47	57	47	28	218	102	140	930
1820	White—Male---	4,957	20	22	32	23	18	115	55	77	685
1821	White—Female---	1,167	15	25	24	18	5	85	37	44	179
1822	Negro—Male---	589	3	-	4	5	5	12	6	13	68
1823	Negro—Female---	130	1	1	2	-	-	4	3	4	11
1824	Other—Male---	58	-	1	-	-	-	1	1	1	5
1825	Other—Female---	16	-	-	-	-	-	1	-	1	2
1826	E825 Motor-vehicle traffic accident of unspecified nature*---	5,162	51	28	37	20	28	164	91	93	566
1827	White—Male---	3,451	25	17	16	12	19	89	50	34	367
1828	White—Female---	1,163	22	9	17	5	6	59	27	31	180
1829	Negro—Male---	419	2	-	1	1	3	7	9	5	39
1830	Negro—Female---	95	2	2	2	2	-	8	5	3	9
1831	Other—Male---	6	-	-	1	-	-	1	-	-	2
1832	Other—Female---	6	-	-	-	-	-	-	-	-	1
1833	E830-E835 Motor-vehicle nontraffic accidents---	638	10	180	74	32	26	322	46	12	40
1834	White—Male---	591	5	91	44	18	17	175	30	9	34
1835	White—Female---	173	5	75	25	11	7	121	10	2	3
1836	Negro—Male---	52	-	7	1	3	1	12	4	1	2
1837	Negro—Female---	16	-	8	3	-	1	12	-	-	-
1838	Other—Male---	6	-	1	1	-	-	2	-	-	1
1839	Other—Female---	-	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

Deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated		
217	255	323	494	632	815	1,054	1,174	1,346	1,666	1,854	2,102	2,453	2,132	1,492	558	251	94	1742	
64	68	93	178	252	315	450	537	652	751	758	890	980	851	552	175	39	37	1743	
31	43	69	84	107	113	126	160	206	327	440	677	931	984	747	259	62	7	1744	
58	56	78	112	122	219	264	256	276	345	356	271	259	161	80	49	47	24	1745	
53	61	77	110	141	152	203	187	210	242	265	231	252	158	102	72	94	25	1746	
2	1	4	4	5	10	7	7	15	13	19	19	17	9	5	5	5	2	1747	
7	6	2	6	5	6	4	7	9	10	10	14	14	9	6	2	6	1	1748	
1	-	-	-	-	-	7	23	55	147	397	845	1,464	1,551	1,220	481	194	14	1749	
-	-	-	-	-	-	1	2	10	39	126	338	565	622	452	147	56	2	1750	
-	-	-	-	-	-	2	2	5	39	124	342	661	774	642	231	56	-	1751	
1	-	-	-	-	-	1	11	19	35	73	73	106	65	54	30	59	5	1752	
-	-	-	-	-	-	3	8	18	30	69	79	118	60	65	50	54	6	1753	
-	-	-	-	-	-	-	-	2	3	3	7	8	4	5	2	3	-	1754	
-	-	-	-	-	-	-	-	1	1	2	6	8	6	2	1	6	1	1755	
216	255	323	494	632	815	1,027	1,151	1,291	1,521	1,437	1,257	989	601	272	97	67	80	1756	
68	68	93	178	252	315	429	535	622	692	632	552	415	209	100	26	3	35	1757	
31	43	69	84	107	113	124	178	201	288	324	335	270	210	105	28	6	7	1758	
58	56	78	112	122	219	263	245	257	310	283	198	153	98	26	19	8	19	1759	
52	61	77	110	141	152	200	179	192	212	194	152	136	78	37	22	40	17	1760	
2	1	4	4	5	10	7	7	11	10	16	12	9	5	-	1	-	2	1761	
7	6	2	6	5	6	4	7	8	9	8	8	6	3	4	1	-	-	1762	
6,509	7,545	6,954	7,343	7,007	6,890	6,804	6,817	6,663	6,431	6,082	6,225	5,601	4,021	1,698	374	66	233	1763	
6,715	4,910	4,396	4,664	4,703	4,606	4,687	4,863	4,730	4,252	3,586	3,130	2,435	1,460	567	109	12	151	1764	
1,053	996	1,128	1,228	1,158	1,204	1,255	1,299	1,457	1,672	2,123	2,610	2,976	2,461	1,087	244	38	30	1765	
1,151	1,271	1,105	1,134	693	621	673	423	341	333	220	180	98	41	18	10	3	40	1766	
321	301	269	271	195	207	158	124	115	143	106	98	80	50	24	10	11	8	1767	
54	58	43	37	47	44	40	31	35	28	20	19	8	6	-	1	2	1	1768	
15	10	13	9	11	8	11	7	5	3	7	8	4	3	2	-	1	-	1769	
6,509	5,369	4,788	4,796	4,479	4,517	4,491	4,582	4,712	4,879	5,045	5,528	5,233	3,869	1,663	368	66	191	1770	
4,851	5,942	3,554	3,350	3,164	3,151	3,063	3,244	3,221	3,037	2,767	2,564	2,124	1,358	57	105	12	126	1771	
773	657	724	720	679	700	797	861	1,099	1,405	1,966	2,708	2,929	2,400	1,002	242	38	26	1772	
595	588	551	588	489	504	457	457	265	281	189	141	92	38	6	10	3	32	1773	
140	136	117	130	108	144	122	101	97	136	102	91	60	48	4	10	11	4	1774	
42	40	35	23	29	32	25	20	25	21	13	16	6	3	-	1	1	3	1775	
8	6	7	5	10	6	9	6	5	1	6	8	3	2	2	-	1	-	1776	
125	142	144	183	201	203	206	205	151	119	105	77	52	18	4	1	-	15	1777	
85	92	83	156	155	150	170	180	126	98	74	56	37	13	1	1	-	-	1778	
5	7	6	13	6	13	7	11	13	13	23	15	9	2	3	-	-	-	1779	
30	40	40	33	35	34	27	13	11	11	7	5	5	2	-	-	-	5	1780	
2	2	3	-	2	2	1	-	-	1	1	1	-	-	-	-	-	-	1781	
3	1	2	1	3	4	1	-	1	1	1	-	-	1	-	-	-	1	1782	
-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1783	
3,904	2,786	2,306	2,039	1,761	1,785	1,705	1,788	1,795	1,685	1,431	1,085	584	228	55	7	3	61	1784	
3,021	2,024	1,602	1,367	1,187	1,116	1,204	1,204	1,225	1,146	969	733	410	165	42	6	-	41	1785	
497	407	388	373	330	340	383	418	454	405	379	292	146	53	10	1	-	9	1786	
289	263	244	238	177	195	149	124	78	91	57	47	18	10	3	-	1	9	1787	
71	63	50	45	37	52	40	32	22	28	18	6	9	-	-	-	1	1	1788	
19	23	19	12	17	14	11	14	11	14	8	5	1	-	-	-	1	1	1789	
7	6	3	4	3	6	6	2	2	1	2	2	-	-	-	-	-	-	1790	
3,843	2,744	2,556	2,002	1,725	1,742	1,685	1,756	1,770	1,661	1,412	1,070	575	223	52	6	3	61	1791	
2,972	1,989	1,536	1,336	1,165	1,150	1,099	1,179	1,204	1,129	852	720	405	162	40	5	-	41	1792	
493	405	386	372	328	335	382	415	452	400	377	291	142	51	9	1	400	9	1793	
285	260	240	235	173	187	148	120	76	90	57	46	16	10	3	-	1	9	1794	
71	61	50	44	37	52	39	32	22	28	18	6	9	-	-	-	1	1	1795	
19	23	19	11	17	14	11	14	13	8	5	1	-	-	-	-	1	1	1796	
7	6	3	4	3	6	3	3	3	2	-	-	-	-	-	-	-	-	1797	
172	158	125	114	96	92	85	105	90	54	42	36	11	4	3	-	-	-	1798	
125	105	88	89	67	66	61	77	60	47	31	29	10	4	3	-	-	-	1799	
54	29	28	19	22	13	18	23	24	6	9	7	1	-	-	-	-	-	1800	
10	3	3	5	7	3	3	3	4	1	1	-	-	-	-	-	-	-	1801	
3	1	5	1	-	4	2	2	2	1	1	-	-	-	-	-	-	-	1802	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1803
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1804
198	218	229	281	317	411	497	586	724	889	749	659	374	150	27	2	2	13	1805	
134	131	127	186	206	253	333	422	530	609	530	449	277	115	22	2	-	8	1806	
24	30	35	55	43	66	76	93	139	176	170	149	76	27	2	-	-	1	1807	
25	45	52	48	50	69	64	53	38	60	38	32	12	8	3	-	-	4	1808	
6	8	11	15	18	18	14	11	14	11	9	4	6	-	-	-	1	-	1809	
6	3	3	3	4	4	4	4	5	9	4	4	1	-	-	-	1	-	1810	
1	1	3	-	1	1	2	-	1	1	-	-	-	-	-	-	-	-	1811	
1,341	942	741	643	566	553	560	540	475	377	310	199	79	25	12	1	1	18	1812	
1,044	685	504	411	371	359	348	336	300	234	185	123	49	16	10	-	-	11	1813	
187	147	153	147	140	136	162	171	148	120	111	70	27	9	2	-	-	4	1814	
80	79	65	64	39	38	38	25	19	19	7	5	2	-	-	-	1	3	1815	
25	19	15	13	8	14	11	8	5	3	3	1	1	-	-	-	-	-	1816	
2	4	4	4	2	2	2	1	2	1	3	-	-	-	-	-	-	-	1817	
1,323	877	710	586	422	384	269	261	240	152	134	77	49	19	2	2	-	20	1818	
1,057	651	528	395	303	277	184	181	169	103	96	44	30	11	2	2	-	15	1819	
129	116	95	76	49	57	54	58	60	42	35	27	15	8	-	-	-	3	1820	
98	71	79	76	56	39	20	18	6	4	3	3	4	-	-	-	-	-	1821	
27	24	13	13	7	7	7	3	2	2	2	1	1	-	-	-	-	1	1822	
9	11	6	3	7	3	3	2	2	3	2	1	-	-	-	-	-	-	1823	
3	4	-	-	1	1	2	2	1	1	-	-	-	-	-	-	-	-	1824	
814	569	449	398	324	302	274	264	241	209	177	119	62	25	6					

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
XVII.—Accidents, poisonings, and violence—Continued											
Accidents—Continued											
1840	EB40-EB45 Other road-vehicle accidents-----	599	1	1	4	5	5	16	47	64	33
1841	White Male	396	-	1	-	2	3	6	35	48	16
1842	Female	97	-	-	1	2	2	5	7	9	10
1843	Negro Male	79	1	-	2	-	-	3	5	5	4
1844	Female	14	-	-	-	1	-	1	2	1	-
1845	Other Male	9	-	-	-	-	-	-	-	1	3
1846	Female	4	-	-	1	-	-	1	-	-	-
1847	ES50-EB58 Water-transport accidents-----	1,494	2	9	4	5	3	23	46	65	139
1848	White Male	1,213	1	4	3	3	2	13	34	49	109
1849	Female	101	1	5	1	2	1	10	8	8	10
1850	Negro Male	147	-	-	-	-	-	-	3	5	16
1851	Female	15	-	-	-	-	-	-	1	1	3
1852	Other Male	8	-	-	-	-	-	-	-	3	1
1853	Female	-	-	-	-	-	-	-	-	-	-
1854	EB60-EB66 Aircraft accidents-----	1,549	4	4	3	1	2	14	4	5	86
1855	White Male	1,407	3	2	1	1	1	8	4	4	78
1856	Female	132	1	2	2	-	1	6	-	1	8
1857	Negro Male	8	-	-	-	-	-	-	-	-	-
1858	Female	2	-	-	-	-	-	-	-	-	-
1859	Other Male	-	-	-	-	-	-	-	-	-	-
1860	Female	-	-	-	-	-	-	-	-	-	-
1861	EB70-EB98 Accidental poisoning by solid and liquid substances-----	1,834	64	204	99	42	14	423	24	17	26
1862	White Male	812	23	78	50	15	3	169	6	8	3
1863	Female	540	22	60	26	15	7	150	8	2	14
1864	Negro Male	175	9	46	16	5	2	77	7	4	5
1865	Female	100	11	20	7	6	2	46	2	3	3
1866	Other Male	5	-	-	-	-	-	-	1	-	-
1867	Female	2	-	-	-	1	-	1	-	-	-
1868	EB90-EB95 Accidental poisoning by gases and vapors-----	1,617	21	26	7	3	7	64	16	13	75
1869	White Male	1,028	9	12	3	2	3	29	5	5	42
1870	Female	468	9	12	2	1	2	26	9	8	29
1871	Negro Male	89	-	2	1	-	1	4	1	-	-
1872	Female	25	3	-	1	-	1	5	1	-	1
1873	Other Male	6	-	-	-	-	-	-	-	-	-
1874	Female	1	-	-	-	-	-	-	-	-	1
1875	EB00-EB04 Accidental falls-----	22,308	154	107	71	31	22	385	102	103	167
1876	White Male	9,872	64	53	36	14	13	180	61	63	132
1877	Female	11,251	48	26	27	10	6	117	28	24	14
1878	Negro Male	688	19	15	3	5	3	45	6	12	19
1879	Female	444	21	10	5	2	-	38	5	4	1
1880	Other Male	33	1	1	-	-	-	2	1	-	1
1881	Female	19	1	2	-	-	-	3	1	-	-
1882	EB00-EB02 Fall from one level to another-----	7,458	107	67	50	23	11	258	66	62	117
1883	White Male	4,260	46	31	26	10	8	121	39	42	98
1884	Female	2,636	29	16	18	7	2	72	20	14	6
1885	Negro Male	373	13	9	3	4	1	30	3	5	11
1886	Female	167	19	10	3	2	-	33	3	1	1
1887	Other Male	13	-	-	-	-	-	-	-	-	1
1888	Female	7	1	1	-	-	-	2	1	-	-
1889	EB03 Fall on same level-----	4,300	5	12	6	1	2	26	6	16	9
1890	White Male	1,725	2	8	3	-	2	15	5	10	6
1891	Female	2,430	3	2	1	1	-	7	-	4	2
1892	Negro Male	74	-	2	-	-	-	2	1	2	1
1893	Female	62	-	-	2	-	-	2	-	-	-
1894	Other Male	5	-	-	-	-	-	-	-	-	-
1895	Female	4	-	-	-	-	-	-	-	-	-
1896	EB04 Unspecified falls-----	10,532	42	28	15	7	9	101	30	25	41
1897	White Male	3,887	16	14	7	4	3	44	17	11	28
1898	Female	6,185	16	8	8	2	4	38	8	6	6
1899	Negro Male	242	6	4	-	1	2	13	2	5	7
1900	Female	215	3	-	-	-	-	3	2	3	-
1901	Other Male	15	1	1	-	-	-	2	1	-	-
1902	Female	8	-	1	-	-	-	1	-	-	-
1903	EB10 Blow from falling object-----	1,604	2	9	16	12	12	51	44	40	56
1904	White Male	1,327	1	4	11	5	6	27	28	34	42
1905	Female	69	1	3	5	7	5	21	13	5	1
1906	Negro Male	192	-	-	-	-	-	3	3	1	11
1907	Female	6	-	2	-	-	1	3	-	-	1
1908	Other Male	10	-	-	-	-	-	-	-	-	1
1909	Female	-	-	-	-	-	-	-	-	-	-
1910	EB12 Accident caused by machinery-----	1,669	1	18	29	16	15	79	44	47	112
1911	White Male	1,455	1	6	23	14	12	56	23	36	98
1912	Female	69	-	11	6	2	1	20	15	5	3
1913	Negro Male	133	-	-	-	-	1	5	4	10	-
1914	Female	5	-	1	-	-	1	2	-	-	1
1915	Other Male	6	-	-	-	-	-	-	-	-	-
1916	Female	1	-	-	-	-	-	-	1	-	-
1917	EB14 Accident caused by electric current-----	1,046	10	15	10	5	3	43	22	24	50
1918	White Male	919	8	9	4	4	2	27	18	19	45
1919	Female	65	2	6	6	1	-	15	2	2	1
1920	Negro Male	56	-	-	-	-	1	1	1	2	4
1921	Female	5	-	-	-	-	-	-	1	1	-
1922	Other Male	1	-	-	-	-	-	-	-	-	-
1923	Female	-	-	-	-	-	-	-	-	-	-
1924	EB16 Accident caused by fire and explosion, etc.*-----	5,982	285	259	254	229	190	1,197	407	173	155
1925	White Male	2,662	88	95	87	83	56	389	133	64	67
1926	Female	1,878	78	69	96	77	77	397	183	65	52
1927	Negro Male	731	52	51	34	39	26	202	35	20	14
1928	Female	656	42	41	36	47	31	197	71	24	21
1929	Other Male	31	1	1	1	3	-	6	1	-	-
1930	Female	24	4	2	-	-	-	6	4	-	1
1931	EB17,EB18 Accident caused by hot substance, etc.*-----	950	56	120	82	28	14	300	38	12	13
1932	White Male	427	28	51	35	10	3	127	15	2	6
1933	Female	294	16	47	26	9	4	102	12	5	4
1934	Negro Male	131	12	13	12	4	4	45	4	1	2
1935	Female	83	9	9	5	3	26	9	4	1	1
1936	Other Male	4	-	-	-	-	-	-	-	-	-
1937	Female	1	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY AGE,

(Exclusive of fetal deaths and of

Sixth Revision number	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1 year	1 year	2 years	3 years	4 years	Under 5 years	5-9 years	10-14 years	15-19 years
XVII.—Accidents, poisonings, and violence—Continued											
Accidents—Continued											
1938	E919 Accident caused by firearms-----	2,326	10	8	20	23	17	76	130	257	314
1939	White-----Male-----	1,704	3	1	8	14	10	36	60	198	232
1940	Female-----	201	3	3	8	4	4	22	26	16	24
1941	Negro-----Male-----	323	3	-	1	4	-	8	14	35	44
1942	Female-----	80	1	2	3	1	3	10	10	4	11
1943	Other-----Male-----	16	-	-	-	-	-	-	-	4	3
1944	Female-----	2	-	-	-	-	-	-	-	-	-
1945	E921,E922 Inhalation and ingestion of food or other object, etc.*-----	1,341	932	108	44	21	8	1,113	24	10	7
1946	White-----Male-----	702	469	48	25	12	4	558	11	6	4
1947	Female-----	416	292	40	15	4	4	355	7	2	-
1948	Negro-----Male-----	122	92	14	3	2	-	111	1	2	1
1949	Female-----	92	71	8	1	3	-	81	4	-	2
1950	Other-----Male-----	6	5	-	-	-	-	5	1	-	-
1951	Female-----	3	3	-	-	-	-	3	-	-	-
1952	E929 Accidental drowning-----	5,330	36	283	220	98	84	721	517	587	660
1953	White-----Male-----	3,802	19	168	155	73	61	474	365	365	432
1954	Female-----	724	13	102	55	17	18	205	69	106	67
1955	Negro-----Male-----	715	4	5	8	3	5	25	57	105	151
1956	Female-----	52	-	7	1	1	-	9	2	9	6
1957	Other-----Male-----	33	-	3	1	4	-	8	3	2	4
1958	Female-----	4	-	-	-	-	-	1	-	-	-
1959	E931 Excessive heat and insolation-----	488	20	1	1	-	-	22	-	2	1
1960	White-----Male-----	307	9	-	1	-	-	10	-	-	1
1961	Female-----	93	6	-	-	-	-	6	-	1	-
1962	Negro-----Male-----	61	1	1	-	-	-	2	-	1	-
1963	Female-----	24	4	-	-	-	-	4	-	-	-
1964	Other-----Male-----	3	-	-	-	-	-	-	-	-	-
1965	Female-----	-	-	-	-	-	-	-	-	-	-
1966	E940-E959 Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, etc.*-----	232	33	11	3	4	3	54	15	3	6
1967	White-----Male-----	112	18	7	2	2	2	31	5	3	2
1968	Female-----	82	8	3	1	2	1	15	8	-	2
1969	Negro-----Male-----	15	4	1	-	-	-	5	1	-	1
1970	Female-----	20	2	-	-	-	-	2	1	-	1
1971	Other-----Male-----	2	-	-	-	-	-	-	-	-	-
1972	Female-----	1	1	-	-	-	-	1	-	-	-
1973	Residual All other accidents-----	6,127	1,907	127	69	38	33	2,176	198	211	195
1974	White-----Male-----	3,528	840	76	38	21	18	985	114	145	134
1975	Female-----	1,431	581	34	20	8	7	650	49	38	18
1976	Negro-----Male-----	728	251	12	7	2	5	277	21	17	31
1977	Female-----	380	215	5	2	7	5	234	11	11	10
1978	Other-----Male-----	41	9	-	2	-	-	11	1	3	1
1979	Female-----	19	11	-	-	-	-	11	2	-	1
1980	E963,E970- Suicide-----	16,993	-	-	-	-	-	-	2	54	286
1981	White-----Male-----	12,668	-	-	-	-	-	-	1	39	177
1982	Female-----	3,662	-	-	-	-	-	-	1	11	70
1983	Negro-----Male-----	444	-	-	-	-	-	-	-	1	13
1984	Female-----	105	-	-	-	-	-	-	-	2	6
1985	Other-----Male-----	97	-	-	-	-	-	-	-	-	2
1986	Female-----	17	-	-	-	-	-	-	-	1	-
1987	E970-E973 Suicide by poisoning-----	3,684	-	-	-	-	-	-	-	3	61
1988	White-----Male-----	2,264	-	-	-	-	-	-	-	1	21
1989	Female-----	1,472	-	-	-	-	-	-	-	2	34
1990	Negro-----Male-----	52	-	-	-	-	-	-	-	-	2
1991	Female-----	32	-	-	-	-	-	-	-	-	4
1992	Other-----Male-----	11	-	-	-	-	-	-	-	-	-
1993	Female-----	3	-	-	-	-	-	-	-	-	-
1994	E974 Suicide by hanging and strangulation-----	3,641	-	-	-	-	-	-	-	25	41
1995	White-----Male-----	2,731	-	-	-	-	-	-	-	23	34
1996	Female-----	783	-	-	-	-	-	-	-	2	4
1997	Negro-----Male-----	54	-	-	-	-	-	-	-	-	2
1998	Female-----	13	-	-	-	-	-	-	-	-	1
1999	Other-----Male-----	34	-	-	-	-	-	-	-	-	-
2000	Female-----	6	-	-	-	-	-	-	-	-	-
2001	E976 Suicide by firearms and explosives-----	7,215	-	-	-	-	-	-	1	26	151
2002	White-----Male-----	6,154	-	-	-	-	-	-	1	15	114
2003	Female-----	741	-	-	-	-	-	-	-	1	25
2004	Negro-----Male-----	247	-	-	-	-	-	-	-	1	9
2005	Female-----	31	-	-	-	-	-	-	-	2	1
2006	Other-----Male-----	40	-	-	-	-	-	-	-	-	2
2007	Female-----	2	-	-	-	-	-	-	-	1	-
2008	E963,E975, Suicide by all other means-----	2,303	-	-	-	-	-	-	1	-	15
2009	White-----Male-----	1,499	-	-	-	-	-	-	-	-	8
2010	Female-----	666	-	-	-	-	-	-	1	-	7
2011	Negro-----Male-----	91	-	-	-	-	-	-	-	-	-
2012	Female-----	29	-	-	-	-	-	-	-	-	-
2013	Other-----Male-----	12	-	-	-	-	-	-	-	-	-
2014	Female-----	6	-	-	-	-	-	-	-	-	-
2015	E964,E980- Homicide-----	8,033	128	25	18	17	16	204	75	50	431
2016	White-----Male-----	2,729	55	9	11	9	10	94	35	17	122
2017	Female-----	914	48	9	3	3	3	66	22	8	52
2018	Negro-----Male-----	3,431	14	3	-	5	1	23	12	17	189
2019	Female-----	882	11	2	4	-	2	19	4	6	61
2020	Other-----Male-----	54	-	1	-	-	-	1	-	2	3
2021	Female-----	23	-	1	-	-	-	2	-	-	4
2022	E981 Assault by firearms and explosives-----	4,235	3	3	7	4	7	24	28	36	222
2023	White-----Male-----	1,460	2	1	4	2	5	14	14	12	61
2024	Female-----	541	1	1	2	-	1	5	9	6	34
2025	Negro-----Male-----	1,768	-	-	-	2	-	2	4	12	96
2026	Female-----	438	-	1	1	-	1	3	-	5	28
2027	Other-----Male-----	20	-	-	-	-	-	-	-	1	1
2028	Female-----	8	-	-	-	-	-	-	-	1	2
2029	E982 Assault by cutting and piercing instruments-----	1,869	9	1	-	2	2	14	6	7	126
2030	White-----Male-----	368	4	1	-	1	1	7	2	2	32
2031	Female-----	98	4	-	-	1	-	5	2	1	4
2032	Negro-----Male-----	1,089	-	-	-	-	1	1	2	3	64
2033	Female-----	287	-	-	-	-	-	1	-	1	25
2034	Other-----Male-----	13	-	-	-	-	-	-	-	-	1
2035	Female-----	3	-	-	-	-	-	-	-	-	-

*For complete category title, refer to table XIII.

GENERAL TABLES—DEATHS FROM SELECTED CAUSES

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RACE, AND SEX: UNITED STATES, 1949—Continued

(deaths among armed forces overseas)

20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75-79 years	80-84 years	85-89 years	90-94 years	95-99 years	100 and over	Not stated		
241	211	168	181	160	136	129	98	87	68	40	16		3				6	1938	
184	152	105	133	113	101	104	79	81	59	39	15	3	2				3	1939	
20	8	25	13	14	12	9	4	4	3		1							1940	
46	45	29	30	20	18	12	13	2	5	1							1	1941	
7	6	8	5	7	5		2		1		1						2	1942	
4		1		1		3					1							1943	
						1												1944	
13	14	12	12	12	15	16	11	16	15	14	14	9	8	4				1945	
7	8	9	7	8	10	12	7	15	12	6	10	5	3	2				1946	
4	4	3	4	5	2	4	3	3	3	5	3	4	5	2				1947	
1	2		1	1	1		1											1948	
1					2					1	1							1949	
																		1950	
																		1951	
446	292	248	284	257	243	237	234	188	167	106	79	31	12	1	1		39	1952	
532	195	192	200	198	181	191	196	149	131	82	63	23	10				32	1953	
24	19	23	19	21	25	23	25	20	23	15	10	6	2	1			1	1954	
80	71	40	42	35	29	20	11	18	11	9	5	1					5	1955	
7	5	2	3		3	2	1		1		1						1	1956	
3	2	1		1	5	1					1							1957	
																		1958	
5	13	16	34	28	40	48	41	52	47	43	35	29	20	8	2	1	1	1959	
4	6	11	20	17	26	31	24	37	31	29	22	20	13	4		1	1	1960	
	1	3	5	1	3	6	9	7	11	11	10	6	7	3				1961	
	3		7	8	9	10	4	4	4	3	3							1962	
1	2	2	2	2	2	1	2	4	1					1				1963	
	1						2											1964	
																		1965	
																			1966
7	16	18	13	11	13	19	8	17	7	12	4	4	2	2			1	1967	
1	6	5	3	3	9	12	4	9	6	6	2	1	1	1				1968	
4	6	10	7	5	3	4	2	6	1	1	1	1	1	1				1969	
	1	1	1		1	1	1	1										1970	
1	3	2	2	3	1	2	1	1										1971	
1											1							1972	
																			1973
220	222	215	264	249	237	279	294	270	273	253	205	162	118	55	12	5	14	1974	
154	149	149	171	169	169	160	211	182	181	162	111	76	46	18	4	10	10	1975	
23	33	29	26	31	30	44	34	51	50	67	73	80	67	30	7	2	2	1976	
34	32	26	45	35	30	42	35	27	32	18	16	3	2	3			2	1977	
8	5	10	17	10	10	11	11	8	9	5	4	3	3	3	1			1978	
1	3	4	4	4	3	2	3	2	1	1								1979	
		1				1					1			1				1980	
747	944	1,125	1,489	1,699	1,696	1,655	1,900	1,728	1,408	920	825	330	141	33	6		23	1981	
495	638	739	1,019	1,231	1,226	1,401	1,455	1,379	1,127	756	524	291	120	30	4	16	16	1982	
185	231	313	385	405	405	405	396	301	250	145	89	34	18	3	2		3	1983	
37	50	49	58	46	46	32	33	34	20	7	7	3	1				3	1984	
13	13	16	16	11	8	6	6	4	2	2	2	2	2					1985	
5	11	6	9	6	9	10	7	10	7	7	3	2	2				1	1986	
4	1	2	2		2	1	1		2	1								1987	
166	265	301	402	461	444	437	401	332	249	158	98	37	15	1	1		3	1988	
76	145	153	220	252	264	267	265	223	163	111	67	24	9		1		2	1989	
63	104	133	176	197	165	162	105	84	105	46	31	13	6				1	1990	
3	9	10	3	7	9	3	2	3	1	1								1991	
4	6	1	2	5	4	2	2	1	1									1992	
	1	2	1	1	1	3	2	2	1	1								1993	
		2																1994	
104	122	143	226	282	339	433	490	480	383	239	160	97	48	16	1		6	1995	
81	92	100	153	197	238	323	389	371	299	196	136	87	43	15			5	1996	
16	22	42	64	73	92	98	123	100	75	39	21	7	4	1	1		1	1997	
4	6	3	5	8	6	8	8	3	2	1								1998	
1	3	3	1	2	3	3	3	1	5	4	1	2	1					1999	
1	2	1	2	2	3	3	3	6	5	4	2	2	1					2000	
397	467	535	688	751	715	740	729	647	535	363	256	137	58	12	1		9	2001	
295	353	416	540	648	595	648	649	588	498	342	245	137	55	11	1		8	2002	
73	72	91	101	80	80	69	54	37	22	12	6			1			1	2003	
20	31	20	38	18	24	17	23	19	15	6	4						1	2004	
4	4	6	2	2	1			2	2	1	1							2005	
4	7	2	3	3	5	6	1	3										2006	
1																			2007
80	90	140	173	205	198	245	280	269	241	160	111	59	22	5	3		6	2008	
43	48	70	106	134	129	153	199	199	167	107	76	43	13	4	2		4	2009	
21	33	47	44	55	58	76	91	59	69	49	31	14	3	1	1		1	2010	
10	4	16	12	13	7	4	4	9	3	3	5							2011	
4	3	6	7	2	3	1	1	1	1	1								2012	
	1	1	3	1	1	1	1	1	1		1							2013	
2	1		1		1													2014	
1,051	1,231	1,039	1,056	828	677	456	331	222	144	97	72	38	11	1			19	2015	
267	329	302	313	307	249	181	160	129	88	65	42	20	2				9	2016	
87	107	91	123	74	99	53	34	37	19	10	13	3	1				1	2017	
519	633	505	488	358	271	164	116	42	32	20	12	3	2				5	2018	
168	152	135	125	76	55	30	17	14	5	4	5	5	1				4	2019	
7	7	2	5	12	3	7	4											2	2020
3	3	4	2	1	1	1	1												2021
558	692	585	601	473	362	255	149	112	57	29	23	8	3				7	2022	
139	209	193	190	160	134	106	69	67	29	19	15	4					4	2023	
65	79	62	80	51	62	33	15	21	10	2	3	4					2	2024	
261	322	276	259	199	132	101	56	18	15	8	3	2					2	2025	
91	76	59	68	38	32	16	10	6	3	3	2						1	2026	
2	2	1	2	5	2														2027
	4	1	2																2028
305	335	276	280	177	129	78	67	36	14	16	12	5	1				3	2029	
59	45	42	49	39	27	18	25	18	6	10	4	2					1	2030	
6	13	9	14	7	13	5	8	4	1	2	2							1	2031
179	218	169	154	107	80	44	29	11	7	4	6	1					1	2032	
57	59	54	40	23	9	8	3	3		2								1	2033
3						3	2												2034
1		2		1															2035

VITAL STATISTICS OF THE UNITED STATES

TABLE 10.--LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949

STATE OF OCCURRENCE	Total births occurring in State	Births to residents occurring in place of residence	BIRTHS TO NONRESIDENTS ¹														
			Total	Intra-state non-residence	Interstate nonresidents												
					Total	State of residence											
						Ala.	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D. C.	Fla.	Ga.	Idaho	Ill.
UNITED STATES-----	5,559,529	2,192,247	1,367,282	1,381,223	96,059	1,661	300	1,388	1,514	525	1,530	297	1,315	1,219	1,611	853	5,667
Alabama-----	63,958	59,364	24,594	23,393	1,201	...	2	8	17	4	2	-	3	400	260	-	25
Arizona-----	20,512	12,694	7,818	7,281	537	2	...	3	112	10	-	-	-	2	1	4	8
Arkansas-----	45,752	29,966	15,866	14,355	1,511	1	-	...	14	5	1	-	-	4	2	-	14
California-----	244,061	128,183	115,878	115,502	376	12	44	7	...	11	2	-	-	9	-	2	14
Colorado-----	33,383	20,405	12,978	11,966	1,012	3	14	10	52	...	3	-	1	6	4	5	39
Connecticut-----	39,967	22,710	17,257	16,647	610	-	1	2	6	-	...	-	2	6	-	-	5
Delaware-----	7,565	4,055	3,510	3,017	493	-	-	-	-	-	-	...	1	1	-	-	-
District of Columbia-----	27,672	18,499	9,173	...	9,173	-	1	-	6	2	5	1	...	6	3	-	5
Florida-----	61,378	41,004	20,371	19,520	851	146	2	4	29	4	10	4	7	...	166	1	29
Georgia-----	93,875	62,118	31,557	29,530	2,027	872	-	2	8	-	2	1	3	322	...	1	10
Idaho-----	18,757	8,155	7,602	6,976	826	-	5	-	13	1	-	-	-	1	-	...	1
Illinois-----	185,658	118,716	69,942	67,930	2,012	1	3	3	20	4	3	-	2	7	6	1	...
Indiana-----	95,058	53,315	41,745	38,656	3,085	-	-	2	5	1	1	-	2	4	1	1	1,788
Iowa-----	62,897	32,108	30,798	28,296	2,503	-	2	2	13	5	2	-	1	1	1	-	967
Kansas-----	42,533	25,250	17,253	15,541	1,712	8	1	4	24	109	1	-	1	5	6	-	17
Kentucky-----	76,412	53,759	22,655	20,199	2,454	14	4	13	18	3	8	1	6	13	19	3	162
Louisiana-----	75,293	48,980	26,313	25,677	636	7	2	108	7	1	-	-	-	5	3	-	7
Maine-----	21,608	13,330	8,276	8,069	209	-	-	-	2	-	11	-	-	-	-	-	1
Maryland-----	50,676	33,207	17,469	14,060	3,409	15	2	16	69	5	20	195	1,079	42	23	3	38
Massachusetts-----	96,275	56,797	39,478	37,501	1,977	-	1	1	6	-	521	1	6	4	1	1	7
Michigan-----	158,699	86,909	69,790	68,585	1,205	2	3	5	7	3	-	-	2	4	2	-	44
Minnesota-----	74,027	48,353	28,674	26,716	1,958	3	1	-	25	1	1	-	1	3	-	-	24
Mississippi-----	67,037	51,729	15,328	13,804	1,524	272	2	32	29	7	5	2	3	33	14	3	51
Missouri-----	87,351	52,553	34,798	30,176	4,622	4	7	186	14	24	5	1	2	7	8	3	1,492
Montana-----	15,137	9,837	5,300	5,096	204	1	-	-	6	2	1	-	-	-	2	11	1
Nebraska-----	51,418	19,130	12,288	11,239	1,049	-	1	2	15	46	-	1	2	5	1	1	10
Nevada-----	3,795	2,499	1,296	1,039	257	1	16	-	164	1	-	-	-	1	1	5	9
New Hampshire-----	12,197	7,466	4,731	3,621	1,110	-	-	-	1	-	13	1	1	2	-	-	2
New Jersey-----	94,671	41,989	52,682	51,529	1,153	1	-	-	-	1	14	7	2	5	2	-	6
New Mexico-----	21,292	15,725	5,567	4,828	739	9	99	7	43	57	1	-	-	9	8	3	18
New York-----	302,523	202,908	99,820	96,016	3,604	15	1	3	19	6	491	6	13	20	6	-	16
North Carolina-----	108,180	67,949	40,231	38,529	1,702	12	4	3	24	2	5	1	16	30	88	1	33
North Dakota-----	16,692	8,331	8,561	7,402	1,159	-	-	-	4	-	-	-	-	-	-	-	1
Ohio-----	189,396	114,067	75,329	71,747	3,582	3	-	1	18	2	4	-	7	16	3	2	30
Oklahoma-----	49,548	30,848	18,700	17,149	1,551	16	7	106	78	34	3	2	10	22	12	10	42
Oregon-----	35,267	20,338	14,929	13,915	1,014	-	4	-	199	1	1	-	-	-	-	250	2
Pennsylvania-----	224,815	123,151	101,664	97,732	3,932	2	-	-	14	-	10	64	13	17	7	3	8
Rhode Island-----	17,208	8,921	8,285	6,918	1,367	11	2	4	17	6	344	1	5	13	8	-	20
South Carolina-----	58,755	41,455	17,300	16,070	1,230	21	1	6	17	1	11	-	8	54	179	-	18
South Dakota-----	17,339	8,401	7,958	6,953	985	-	1	-	4	4	-	-	-	-	-	-	6
Tennessee-----	83,958	56,406	27,552	24,284	3,268	152	1	604	36	7	3	-	2	33	696	1	35
Texas-----	202,215	150,396	51,819	49,590	2,429	16	22	195	119	30	7	3	-	46	35	6	47
Utah-----	21,350	12,721	8,629	8,191	438	-	27	1	31	45	-	-	-	-	-	145	3
Vermont-----	8,897	4,882	4,015	3,652	363	-	-	-	1	1	5	-	-	-	-	-	1
Virginia-----	78,946	48,686	30,260	27,924	2,336	13	2	8	31	2	6	4	96	30	23	2	16
Washington-----	57,981	35,565	22,016	19,866	2,090	17	11	15	152	17	6	1	3	17	16	373	35
West Virginia-----	53,153	33,850	19,303	16,369	2,914	3	-	-	3	-	-	-	13	2	-	-	6
Wisconsin-----	62,442	44,308	38,134	36,719	1,415	-	-	-	7	-	1	-	-	4	1	-	541
Wyoming-----	7,360	5,339	2,021	1,576	445	8	4	6	15	60	1	-	1	8	3	11	16

¹See discussion in text for definition of nonresident.

GENERAL TABLES—LIVE BIRTHS

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TABLE 10.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE:
UNITED STATES AND EACH STATE, 1949—Continued

STATE OF OCCURRENCE	BIRTHS TO NONRESIDENTS ¹ —Continued																			
	Interstate nonresidents—Continued																			
	State of residence—Continued																			
	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N. H.	N. J.	N. Mex.	N. Y.	
UNITED STATES -----	2,241	1,477	2,990	2,259	650	540	6,350	1,517	1,684	1,860	882	2,573	435	1,178	155	853	4,068	1,067	2,363	
Alabama-----	-	3	2	6	11	2	4	4	18	1	105	11	2	3	1	-	2	5	30	
Arizona-----	5	2	4	2	3	1	1	3	9	7	3	10	2	27	-	-	3	216	7	
Arkansas-----	5	1	12	4	43	1	-	-	14	1	11	317	-	1	-	1	-	2	2	
California-----	6	5	5	2	1	1	1	3	7	7	1	11	2	3	28	2	3	0	9	
Colorado-----	7	19	112	6	4	1	4	10	17	16	9	27	6	124	-	3	9	115	14	
Connecticut-----	2	2	1	-	1	5	5	97	-	-	-	1	-	6	-	5	22	1	376	
Delaware-----	-	-	-	-	-	-	171	1	-	-	-	-	-	-	1	-	112	-	4	
District of Columbia-----	5	1	-	5	4	-	5,000	7	4	-	1	6	-	2	-	-	5	-	20	
Florida-----	8	7	11	12	12	6	10	20	24	8	14	16	1	2	-	3	26	1	61	
Georgia-----	2	4	2	3	6	1	5	2	10	1	11	7	-	-	-	2	4	2	27	
Idaho-----	4	3	3	-	-	-	-	-	2	6	-	2	52	1	9	1	-	1	1	
Illinois-----	674	167	6	123	5	-	1	3	51	19	5	457	2	3	1	1	4	2	18	
Indiana-----	...	4	3	234	2	-	1	2	454	3	-	3	-	1	-	-	4	-	10	
Iowa-----	3	...	10	3	5	-	1	1	8	195	1	374	2	496	-	-	1	-	4	
Kansas-----	8	16	...	3	7	-	2	3	8	9	4	896	1	104	-	-	4	3	12	
Kentucky-----	561	14	16	...	9	5	11	15	44	13	13	42	1	6	-	3	10	-	28	
Louisiana-----	3	3	6	1	...	-	-	1	6	-	164	3	-	1	-	1	3	-	5	
Maine-----	1	-	-	-	1	...	5	31	-	-	-	-	-	1	-	120	3	-	13	
Maryland-----	23	20	9	11	12	5	...	39	23	22	11	22	1	7	-	5	45	1	87	
Massachusetts-----	2	3	-	1	2	56	4	...	8	4	4	-	-	1	-	451	24	-	176	
Michigan-----	288	3	2	8	2	1	4	1	...	8	2	8	-	1	-	1	5	-	19	
Minnesota-----	1	257	4	1	-	-	-	1	11	...	6	4	9	11	1	-	3	1	5	
Mississippi-----	12	9	8	10	417	2	5	18	25	8	...	17	2	7	2	-	8	2	26	
Missouri-----	42	244	2,110	20	3	1	2	7	22	38	6	...	6	39	3	1	11	5	22	
Montana-----	1	1	1	-	-	1	-	1	7	2	2	2	...	-	1	-	2	-	-	
Nebraska-----	4	338	294	5	2	1	1	2	9	2	27	2	...	2	1	-	5	1	4	
Nevada-----	2	-	2	-	1	1	1	1	2	-	1	3	1	1	...	1	-	-	1	
New Hampshire-----	-	1	-	-	1	375	1	125	-	-	-	-	-	-	-	...	4	1	15	
New Jersey-----	-	-	-	-	-	1	3	7	1	1	1	-	-	4	-	-	-	-	400	
New Mexico-----	11	5	9	6	13	1	1	5	15	9	2	11	2	3	-	-	6	...	12	
New York-----	6	3	5	2	5	8	18	62	12	2	3	4	-	1	3	4	1,571	4	...	
North Carolina-----	16	7	7	9	14	12	23	27	28	7	24	13	-	1	-	3	20	-	79	
North Dakota-----	-	1	3	1	-	-	-	1	2	797	-	1	177	3	-	-	-	1	3	
Ohio-----	381	7	12	752	-	-	3	9	503	4	4	4	-	2	1	1	7	1	57	
Oklahoma-----	18	18	207	17	41	2	4	11	16	12	13	69	3	15	1	2	21	31	50	
Oregon-----	-	1	1	1	1	-	-	-	2	4	1	2	6	2	2	-	-	-	1	
Pennsylvania-----	14	2	1	4	1	6	628	12	18	5	1	3	1	2	3	1	2,057	2	420	
Rhode Island-----	8	6	5	4	3	19	6	641	16	7	5	5	2	8	-	9	17	-	49	
South Carolina-----	10	10	12	6	11	2	9	22	10	8	19	8	1	1	-	3	11	7	45	
South Dakota-----	1	117	4	-	1	2	-	1	3	72	1	9	54	225	1	-	-	-	2	
Tennessee-----	19	6	4	401	8	3	6	12	35	3	369	63	2	1	1	2	3	4	19	
Texas-----	27	14	49	12	145	7	12	15	26	22	30	40	3	22	1	2	22	630	37	
Utah-----	8	-	1	-	-	-	4	1	1	-	-	-	3	1	43	-	-	7	-	
Vermont-----	-																			

VITAL STATISTICS OF THE UNITED STATES

TABLE 10.—LIVE BIRTHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949—Continued

STATE OF OCCURRENCE	BIRTHS TO NONRESIDENTS ¹ —Continued																		Total births to residents
	Interstate nonresidents—Continued																		
	State of residence—Continued																		
	N. C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R. I.	S. C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
UNITED STATES	1,492	1,113	3,614	1,705	1,063	3,698	653	991	857	2,164	2,511	252	763	6,350	1,051	2,347	1,922	575	3,559,529
Alabama	9	1	19	7	1	6	-	8	1	190	18	2	-	3	1	4	2	-	64,418
Arizona	1	-	8	10	4	3	-	-	2	42	6	-	-	4	-	-	7	1	20,275
Arkansas	2	1	4	471	3	1	-	4	-	24	540	1	-	-	1	1	2	-	45,609
California	3	1	18	3	70	9	-	-	1	3	23	9	-	4	18	1	6	1	245,199
Colorado	7	3	21	16	10	19	4	2	21	5	70	51	-	6	9	6	16	107	32,694
Connecticut	2	1	7	-	-	11	28	-	-	1	1	-	6	5	2	-	-	-	40,887
Delaware	2	-	-	-	-	198	1	-	-	-	-	-	-	3	-	-	-	-	7,369
District of Columbia	16	-	8	-	1	27	-	1	-	6	11	-	-	3,999	-	11	3	1	19,614
Florida	23	4	29	8	3	38	3	16	1	14	31	1	1	15	2	10	9	1	61,743
Georgia	117	2	8	8	2	10	1	419	-	120	8	2	1	14	1	4	1	1	93,259
Idaho	-	-	-	1	92	2	-	-	1	1	4	54	-	-	354	-	-	31	15,984
Illinois	6	1	34	4	6	10	2	1	5	10	25	-	-	5	1	2	306	2	189,313
Indiana	1	-	517	-	2	6	-	-	1	1	23	-	-	3	2	1	2	-	94,214
Iowa	2	4	4	3	-	3	-	2	207	3	9	1	-	1	2	1	161	3	61,871
Kansas	2	2	8	347	6	9	-	4	2	5	40	2	-	-	1	7	3	11	43,781
Kentucky	19	6	507	17	4	47	-	16	2	455	31	2	4	105	7	161	14	2	76,197
Louisiana	2	-	4	1	-	1	-	1	-	3	288	-	-	-	1	-	2	-	75,487
Maine	1	-	-	-	-	1	8	1	-	2	2	-	3	1	-	1	2	-	21,939
Maryland	52	3	55	9	8	398	9	24	5	26	27	3	3	586	12	327	15	1	53,597
Massachusetts	3	1	7	2	-	12	565	3	1	3	5	-	-	81	3	-	3	-	95,615
Michigan	3	-	123	1	1	14	-	-	3	4	88	-	1	1	2	1	538	-	157,178
Minnesota	1	620	3	2	3	2	-	-	300	4	26	-	-	1	4	-	616	2	73,929
Mississippi	19	1	26	20	3	19	1	2	2	265	85	1	-	6	9	5	26	2	66,415
Missouri	8	2	29	105	3	9	2	-	6	19	51	5	1	4	4	6	26	6	85,302
Montana	-	91	-	1	3	1	-	-	9	-	8	-	-	1	16	1	2	28	15,366
Nebraska	1	4	4	4	3	7	-	2	112	5	17	-	1	2	4	1	6	92	31,547
Nevada	-	-	-	1	7	2	-	-	1	1	6	20	-	1	2	-	1	1	3,673
New Hampshire	1	-	1	-	-	4	-	-	-	-	-	-	558	2	-	-	1	-	11,940
New Jersey	1	-	8	1	1	666	3	2	-	2	1	1	3	7	1	-	-	-	97,606
New Mexico	5	4	18	51	3	22	-	4	5	8	221	5	1	1	11	2	9	5	21,620
New York	18	1	32	2	1	1,099	6	2	-	12	6	1	86	21	-	2	4	2	301,287
North Carolina	...	1	33	9	-	49	3	395	1	104	29	1	2	533	4	20	8	-	107,970
North Dakota	-	...	-	1	3	-	-	-	125	-	27	-	-	-	6	-	1	-	16,846
Ohio	9	2	...	7	4	434	-	3	1	10	51	2	-	5	2	1,211	7	-	169,428
Oklahoma	16	8	29	...	8	24	-	10	4	21	467	6	3	14	12	14	15	7	49,702
Oregon	-	5	8	2	...	5	-	10	1	1	4	1	-	-	494	-	2	-	35,316
Pennsylvania	15	1	426	2	3	...	2	8	-	3	8	2	1	45	1	97	3	-	224,581
Rhode Island	8	1	14	5	1	45	...	2	-	7	13	2	1	11	5	6	-	-	16,492
South Carolina	529	1	13	9	8	53	1	...	1	30	22	1	1	27	3	9	12	-	58,516
South Dakota	-	311	1	2	2	1	-	1	...	-	5	-	-	2	3	-	3	164	17,211
Tennessee	147	3	40	16	6	16	1	8	4	...	34	2	-	429	6	13	11	1	82,654
Texas	28	6	28	516	6	56	2	10	9	30	...	3	2	26	27	15	20	3	202,297
Utah	-	-	1	1	1	-	-	-	1	-	2	...	-	6	9	-	-	96	21,164
Vermont	1	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	9,297
Virginia	390	1	28	11	2	78	5	14	2	748	17	7	-	...	12	392	5	-	82,960
Washington	9	11	24	23	776	21	4	12	7	11	70	30	1	21	...	9	28	6	56,542
West Virginia	5	-	1,447	1	1	254	-	-	1	4	-	-	-	426	1	...	4	-	52,586
Wisconsin	7	7	8	2	1	1	-	-	4	-	36	-	-	2	3	9	...	1	82,949
Wyoming	3	2	11	7	3	7	2	3	6	3	20	28	-	4	5	1	6	...	7,480

¹See discussion in text for definition of nonresident.

GENERAL TABLES—FETAL DEATHS

TABLE 11.—FETAL DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949

(Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV))

STATE OF OCCURRENCE	Total fetal deaths occurring in State	Fetal deaths to residents occurring in place of residence	FETAL DEATHS TO NONRESIDENTS ¹															
			Total	Intra-State non-residents	Interstate nonresidents													
					Total	State of residence												
						Ala.	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D. C.	Fla.	Ga.	Idaho	Ill.	
UNITED STATES	70,584	45,633	24,951	23,299	1,662	41	10	32	25	6	27	4	24	29	33	16	108	
Alabama	2,289	1,619	670	645	25	...	-	-	-	-	-	-	-	-	6	7	-	-
Arizona	356	236	120	108	12	-	...	-	3	-	-	-	-	-	-	-	-	-
Arkansas	794	480	314	277	37	-	-	...	-	-	-	-	-	-	-	-	-	-
California	3,738	2,015	1,723	1,713	10	-	4	-	...	-	-	-	-	-	-	-	1	-
Colorado	555	356	199	183	16	-	-	-	1	...	-	-	-	-	-	-	-	-
Connecticut	544	340	204	198	6	-	-	-	-	-	...	-	-	-	-	-	-	-
Delaware	167	92	75	73	2	-	-	-	-	-	-	...	-	-	-	-	-	1
District of Columbia	569	416	153	...	153	1	-	-	-	-	-	-	...	-	-	1	-	-
Florida	1,571	1,080	491	474	17	3	-	-	-	-	-	-	2	-	1	...	4	-
Georgia	2,216	1,641	575	524	51	20	-	-	1	-	-	-	-	-	9	...	-	1
Idaho	256	138	118	108	10	-	1	-	-	-	-	-	-	-	-	-	...	-
Illinois	3,197	2,185	1,012	984	28	-	-	-	-	-	-	-	-	-	-	-	-	...
Indiana	1,549	958	591	535	56	-	-	-	-	-	-	-	-	-	-	-	-	34
Iowa	985	500	465	443	42	-	-	-	-	-	-	-	-	-	-	-	-	12
Kansas	706	415	291	265	26	-	-	-	-	4	-	-	-	1	-	-	-	-
Kentucky	1,468	1,045	423	379	44	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana	1,812	1,129	683	666	17	-	-	6	-	-	-	-	-	-	1	-	-	-
Maine	365	231	134	132	2	-	-	-	-	-	-	-	-	-	-	-	-	-
Maryland	1,131	798	333	281	52	-	-	-	-	-	1	2	1.6	1	1	-	-	-
Massachusetts	1,657	985	671	641	30	-	1	-	-	-	7	-	-	-	-	-	-	-
Michigan	2,950	1,790	1,160	1,141	19	-	-	-	-	-	-	-	-	-	-	-	-	2
Minnesota	1,208	729	479	439	40	-	-	-	-	-	-	-	-	-	-	-	-	1
Mississippi	2,000	1,517	483	449	34	3	-	3	1	-	-	-	-	1	1	-	-	3
Missouri	1,742	1,105	637	556	81	-	-	-	-	-	-	-	-	-	-	-	-	40
Montana	231	153	78	71	7	-	-	-	-	-	-	-	-	-	-	-	2	-
Nebraska	499	308	181	175	18	-	-	-	-	-	-	-	-	-	-	-	-	-
Nevada	63	42	21	16	5	-	-	-	5	-	-	-	-	-	-	-	-	-
New Hampshire	236	160	76	51	25	-	-	-	-	-	-	-	-	-	-	-	-	-
New Jersey	1,885	921	944	921	23	-	-	-	-	-	1	-	-	-	-	-	-	-
New Mexico	381	267	114	99	15	-	4	-	-	2	-	-	-	-	-	-	-	-
New York	6,906	5,108	1,798	1,707	91	-	-	-	1	-	9	1	2	-	-	-	-	-
North Carolina	2,782	1,723	1,039	1,005	36	1	-	-	-	-	-	-	-	2	2	-	-	-
North Dakota	289	145	124	102	22	-	-	-	-	-	-	-	-	-	-	-	-	-
Ohio	3,646	2,326	1,320	1,245	75	-	-	-	1	-	-	-	-	-	1	-	-	-
Oklahoma	846	587	279	259	20	1	-	1	-	-	-	-	-	-	-	-	-	-
Oregon	485	288	209	183	16	-	-	-	2	-	-	-	-	-	-	-	2	-
Pennsylvania	4,403	2,509	1,894	1,799	95	-	-	-	2	-	-	1	1	2	-	-	-	-
Rhode Island	291	164	127	112	15	1	-	-	-	7	-	-	-	-	-	-	-	-
South Carolina	1,625	1,109	517	490	27	2	-	-	-	-	-	-	-	-	3	-	-	-
South Dakota	232	138	114	98	16	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	1,783	1,074	709	613	96	7	-	18	2	-	-	-	1	3	12	-	-	1
Texas	4,258	3,229	1,030	987	43	-	-	4	2	-	-	-	-	1	1	-	-	2
Utah	300	182	118	111	7	-	-	-	1	-	-	-	-	-	-	-	-	-
Vermont	152	88	64	57	7	-	-	-	-	-	-	-	-	-	-	-	1	-
Virginia	1,942	1,262	690	622	58	-	-	-	1	-	-	-	-	2	-	-	-	1
Washington	871	540	331	296	35	-	-	-	2	-	-	-	-	-	-	-	10	1
West Virginia	1,296	748	538	462	76	-	-	-	-	-	-	-	-	-	-	-	-	1
Wisconsin	1,274	694	590	562	18	-	-	-	-	-	-	-	-	-	-	-	-	7
Wyoming	123	91	32	24	8	2	-	-	-	-	-	-	-	1	-	-	-	-

¹See discussion in text for definition of nonresident.

VITAL STATISTICS OF THE UNITED STATES

TABLE 11.—FETAL DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949—Continued

(Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV))

STATE OF OCCURRENCE	FETAL DEATHS TO NONRESIDENTS ¹ —Continued																			
	Interstate nonresidents—Continued																			
	State of residence—Continued																			
	Ind.	Iowa	Kans.	Ky.	La.	Maine	Ma.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N. H.	N. J.	N. Mex.	N. Y.	
UNITED STATES-----	37	23	41	60	19	12	125	19	26	29	23	43	7	15	4	7	91	16	49	
Alabama-----	-	-	-	-	-	-	-	1	1	1	3	-	-	-	-	-	-	-	-	
Arizona-----	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	-	-	6	-	
Arkansas-----	-	-	-	-	2	-	-	-	-	-	-	10	-	-	-	-	-	-	-	
California-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	
Colorado-----	-	-	3	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1	-	
Connecticut-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	4	
Delaware-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
District of Columbia-----	-	-	-	-	1	-	90	1	-	-	-	-	-	-	-	-	-	-	-	
Florida-----	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	2	
Georgia-----	-	-	-	-	1	-	1	-	-	1	-	-	-	-	-	-	1	-	1	
Idaho-----	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
Illinois-----	7	3	-	3	-	-	-	-	2	-	-	7	-	-	-	-	-	-	-	
Indiana-----	...	-	-	6	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	
Iowa-----	-	...	-	-	-	-	-	-	-	4	-	8	-	6	-	-	-	1	-	
Kansas-----	-	-	...	-	-	-	-	-	-	-	1	10	-	1	-	-	-	-	-	
Kentucky-----	15	-	-	...	-	-	-	-	1	-	-	2	-	-	-	-	-	-	2	
Louisiana-----	-	-	-	-	...	-	-	-	-	-	3	-	-	-	-	-	-	-	1	
Maine-----	-	-	-	-	-	...	-	2	-	-	-	-	-	-	-	-	-	-	-	
Maryland-----	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	1	-	-	
Massachusetts-----	-	-	-	-	-	2	-	...	-	-	-	-	-	-	-	3	1	-	2	
Michigan-----	2	-	-	1	-	-	-	-	...	-	-	-	-	-	-	-	-	1	-	
Minnesota-----	-	6	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	1	
Mississippi-----	-	-	2	-	9	-	-	-	1	...	-	-	-	-	-	-	-	-	-	
Missouri-----	-	5	29	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-	-	
Montana-----	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	-	
Nebraska-----	-	6	5	-	-	-	1	-	-	-	-	-	-	...	-	-	-	1	-	
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	
New Hampshire-----	-	-	-	-	-	10	1	2	-	-	-	-	-	-	-	...	1	-	-	
New Jersey-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	...	-	9	
New Mexico-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	
New York-----	-	-	-	-	-	-	3	2	-	-	-	-	-	-	-	-	38	-	...	
North Carolina-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1	
North Dakota-----	-	-	-	-	-	-	-	-	-	13	-	-	4	-	-	-	-	-	1	
Ohio-----	13	-	-	13	-	-	-	-	8	-	1	-	4	-	-	-	-	1	3	
Oklahoma-----	-	-	2	-	1	-	-	-	1	-	-	2	-	-	-	-	-	-	1	
Oregon-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pennsylvania-----	-	-	-	1	-	-	12	-	-	-	-	-	-	-	-	1	44	-	11	
Rhode Island-----	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	
South Carolina-----	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	1	1	
South Dakota-----	-	-	-	-	-	-	-	1	1	1	-	-	-	3	-	-	-	-	-	
Tennessee-----	1	-	-	15	-	-	-	-	-	-	10	3	-	-	-	-	-	-	-	
Texas-----	-	1	-	1	3	-	-	1	-	-	-	2	-	-	-	-	-	6	1	
Utah-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	
Vermont-----	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	-	2	
Virginia-----	-	-	-	6	-	-	6	1	1	1	-	-	-	-	-	-	-	1	3	
Washington-----	-	-	-	-	-	-	-	1	1	1	-	-	2	-	-	-	-	-	1	
West Virginia-----	-	-	-	13	-	-	6	-	-	-	-	-	-	-	-	-	-	-	1	
Wisconsin-----	-	1	-	-	1	-	-	-	1	7	-	-	-	-	-	-	-	-	1	
Wyoming-----	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

¹See discussion in text for definition of nonresident.

GENERAL TABLES—FETAL DEATHS

TABLE 11.—FETAL DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949—Continued

(Includes only fetal deaths for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated (groups II, III, and IV))

STATE OF OCCURRENCE	FETAL DEATHS TO NONRESIDENTS ¹ —Continued																		Total fetal deaths to residents
	Interstate nonresidents—Continued																		
	State of residence—Continued																		
	N. C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R. I.	S. C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
UNITED STATES-----	40	25	90	39	15	66	15	23	15	36	58	4	11	125	22	48	50	9	70,594
Alabama-----	-	-	2	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	2,305
Arizona-----	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	354
Arkansas-----	-	-	-	11	-	-	-	-	-	1	13	-	-	-	-	-	-	-	789
California-----	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	-	-	-	3,753
Colorado-----	-	-	-	-	-	-	-	-	1	1	2	1	-	-	-	-	-	2	545
Connecticut-----	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	565
Delaware-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	169
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	1	-	-	440
Florida-----	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	1,585
Georgia-----	1	1	-	-	-	-	-	9	-	3	-	-	-	1	-	-	-	-	2,199
Idaho-----	-	-	-	-	1	-	-	-	-	-	-	1	-	-	5	-	-	-	282
Illinois-----	-	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3	3,274
Indiana-----	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1,530
Iowa-----	-	-	-	1	1	-	-	-	3	-	1	-	-	1	-	-	4	-	966
Kansas-----	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	1	1	721
Kentucky-----	-	1	10	-	-	1	-	-	-	7	-	-	-	5	-	2	-	-	1,484
Louisiana-----	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	1,814
Maine-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	375
Maryland-----	1	-	-	-	-	8	-	1	-	1	-	-	-	5	1	11	-	-	1,202
Massachusetts-----	-	-	1	-	-	-	13	-	-	-	-	-	-	-	-	-	-	-	1,646
Michigan-----	-	-	5	-	-	1	-	-	-	-	1	-	-	-	-	-	6	-	2,957
Minnesota-----	-	11	-	-	-	-	-	6	-	-	-	-	-	-	-	-	13	-	1,197
Mississippi-----	1	-	-	-	-	1	-	-	-	2	5	-	-	1	-	-	-	-	1,989
Missouri-----	-	-	-	-	-	1	-	-	-	1	3	1	-	-	-	-	1	-	1,704
Montana-----	-	3	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	251
Nebraska-----	-	-	-	-	-	1	-	-	2	-	-	-	-	-	-	-	-	-	496
Nevada-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62
New Hampshire-----	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-	-	216
New Jersey-----	-	-	1	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	1,933
New Mexico-----	-	-	1	2	-	-	-	-	-	-	6	-	-	2	-	-	-	-	382
New York-----	2	-	5	-	-	25	1	-	-	-	-	-	-	2	-	-	-	-	6,864
North Carolina-----	...	-	-	-	-	-	-	10	-	2	-	-	-	16	-	-	-	-	2,766
North Dakota-----	-	...	-	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	270
Ohio-----	-	-	...	-	-	9	-	-	-	-	1	-	-	-	-	24	-	-	3,661
Oklahoma-----	1	-	1	...	-	-	-	-	-	1	7	-	-	-	-	-	-	1	864
Oregon-----	-	-	-	-	...	1	-	-	-	-	-	-	-	11	-	-	-	-	492
Pennsylvania-----	-	-	15	-	-	...	-	1	-	-	-	-	-	2	-	2	-	-	4,374
Rhode Island-----	-	-	1	-	-	-	...	-	-	-	-	-	-	-	-	-	-	-	291
South Carolina-----	17	-	-	-	-	-	-	...	-	-	-	-	-	-	-	-	-	-	1,821
South Dakota-----	-	6	-	-	-	-	-	...	-	-	1	-	-	-	-	-	-	3	251
Tennessee-----	2	-	-	-	-	-	-	-	...	3	-	-	-	18	-	-	-	-	1,723
Texas-----	1	-	2	15	-	-	-	-	-	...	-	-	-	-	1	-	1	-	4,275
Utah-----	-	-	1	-	-	-	-	-	-	-	-	...	-	-	-	-	-	2	297
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-	...	-	-	-	-	-	158
Virginia-----	14	-	1	-	-	-	-	1	-	12	-	-	-	...	-	7	-	-	2,009
Washington-----	-	-	-	-	10	-	-	-	-	1	3	1	-	1	...	1	-	-	858
West Virginia-----	-	-	32	-	-	7	-	-	-	1	-	-	-	15	-	...	-	-	1,258
Wisconsin-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	...	-	1,286
Wyoming-----	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	-	-	...	124

¹See discussion in text for definition of nonresident.

VITAL STATISTICS OF THE UNITED STATES

TABLE 12.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949

(Exclusive of fetal deaths and of deaths among armed forces overseas)

STATE OF OCCURRENCE	Total deaths occurring in State	Deaths of residents occurring in place of residence	DEATHS OF NONRESIDENTS ¹																
			Total	Intra-state non-residents	Interstate nonresidents														
					Total	State of residence													
						Ala.	Ariz.	Ark.	Calif.	Colo.	Conn.	Del.	D. C.	Fla.	Ga.	Idaho	Ill.		
UNITED STATES	1,443,207	1,063,206	360,401	536,745	43,656	796	285	878	1,355	399	681	158	975	959	850	373	3,138		
Alabama	26,481	20,578	5,903	5,376	527	...	-	6	3	1	-	-	3	103	144	-	6		
Arizona	6,872	4,615	2,257	1,497	760	1	...	6	136	26	2	1	3	11	-	7	69		
Arkansas	15,548	11,337	4,211	5,468	748	6	4	...	14	2	-	-	1	7	4	-	24		
California	100,361	69,725	30,636	29,274	1,362	16	113	14	...	44	6	2	4	9	3	23	90		
Colorado	12,716	8,856	3,860	3,160	700	5	4	6	54	...	2	3	3	6	2	4	36		
Connecticut	19,635	13,657	4,978	4,491	487	-	1	-	3	-	...	1	3	9	-	-	2		
Delaware	3,387	2,331	1,056	841	215	-	-	-	4	-	-	...	4	1	-	-	-		
District of Columbia	8,682	7,473	1,209	...	1,209	10	2	1	9	-	2	4	...	5	6	1	5		
Florida	26,651	18,544	8,107	5,873	2,234	104	1	9	18	3	56	7	18	...	188	1	157		
Georgia	29,704	22,678	7,026	6,100	926	208	2	1	6	1	4	-	5	223	...	-	18		
Idaho	4,572	3,067	1,505	1,256	249	1	2	2	20	9	-	-	-	1	-	-	3		
Illinois	91,029	68,541	22,488	20,939	1,649	11	8	16	53	13	1	-	3	26	8	1	...		
Indiana	39,899	29,601	10,298	9,052	1,246	5	1	5	14	4	-	2	3	18	3	-	503		
Iowa	26,306	18,537	7,771	6,664	1,107	2	6	3	47	11	1	-	1	6	-	1	356		
Kansas	18,940	13,226	5,714	4,637	1,077	1	7	17	34	38	-	-	-	1	4	2	21		
Kentucky	27,764	21,427	6,337	5,455	882	11	2	5	6	-	2	1	3	9	9	-	64		
Louisiana	23,563	17,521	6,042	5,442	600	33	-	62	24	1	2	-	1	27	10	-	11		
Maine	10,054	7,408	2,646	2,396	250	-	1	-	1	-	16	3	1	5	-	-	1		
Maryland	22,668	17,217	5,451	3,835	1,616	7	1	5	5	1	3	51	647	44	11	-	17		
Massachusetts	50,989	39,168	11,821	10,614	1,207	3	2	-	13	3	169	-	8	21	1	1	9		
Michigan	57,150	40,482	16,668	15,825	873	4	-	9	25	4	3	-	3	14	3	-	185		
Minnesota	28,220	19,721	8,499	7,251	1,249	2	5	5	34	9	2	-	2	8	1	5	79		
Mississippi	20,522	16,095	4,427	3,902	525	119	-	30	10	1	2	-	2	14	14	-	29		
Missouri	44,007	33,170	10,837	8,960	1,877	4	2	103	33	15	1	-	1	11	3	3	765		
Montana	5,867	4,025	1,842	1,576	266	-	1	3	19	3	-	-	-	-	-	23	7		
Nebraska	12,507	9,273	3,234	2,794	440	1	-	1	23	37	1	-	-	1	1	5	17		
Nevada	1,656	1,169	487	295	192	-	4	2	110	6	1	-	-	-	-	7	2		
New Hampshire	6,092	4,364	1,708	1,306	402	-	-	-	3	1	12	-	1	4	-	-	3		
New Jersey	46,854	31,762	15,092	13,760	1,332	1	2	1	8	-	21	13	9	19	4	1	4		
New Mexico	5,724	4,065	1,659	1,102	557	2	60	12	78	48	5	-	3	6	1	2	19		
New York	154,926	118,807	36,119	33,488	2,631	14	3	1	31	3	233	10	30	110	23	1	48		
North Carolina	31,085	22,598	8,487	7,569	918	17	1	7	12	-	4	-	35	69	76	1	12		
North Dakota	5,148	3,243	1,905	1,595	310	-	-	-	7	1	-	-	-	-	-	-	5		
Ohio	80,188	61,362	18,806	17,114	1,692	7	1	6	27	3	2	1	4	28	4	-	55		
Oklahoma	18,854	13,819	5,035	4,562	473	4	12	47	38	9	1	-	1	2	1	1	18		
Oregon	13,949	9,684	4,265	3,712	553	-	2	-	113	3	-	-	-	1	-	71	8		
Pennsylvania	107,940	79,664	28,176	26,346	1,828	3	3	1	12	2	20	55	21	25	6	-	27		
Rhode Island	7,997	5,648	2,349	2,057	292	1	-	-	4	-	60	-	2	-	1	-	1		
South Carolina	17,400	12,997	4,403	4,014	389	3	1	1	3	-	3	-	2	17	83	-	2		
South Dakota	5,674	3,837	1,837	1,503	334	-	1	2	14	6	2	-	1	-	2	-	6		
Tennessee	29,955	22,590	7,365	5,810	1,755	154	1	363	11	3	-	-	1	38	176	-	36		
Texas	63,348	48,527	14,821	13,528	1,293	19	14	93	91	22	1	1	4	19	11	1	46		
Utah	5,022	3,577	1,445	1,194	251	-	8	3	57	14	-	-	1	-	-	68	3		
Vermont	4,154	2,894	1,270	1,041	229	-	-	-	2	-	13	-	5	1	-	-	1		
Virginia	29,262	21,508	7,754	6,558	1,216	12	1	-	11	2	5	3	105	24	21	1	11		
Washington	22,560	16,079	6,481	5,792	689	2	1	3	90	7	-	-	1	4	-	145	15		
West Virginia	17,431	12,156	5,275	4,537	958	3	-	-	6	-	-	-	32	5	2	-	3		
Wisconsin	32,997	22,990	10,097	9,840	857	-	1	2	11	5	1	-	-	7	3	-	365		
Wyoming	2,405	1,693	712	485	247	-	4	5	28	38	2	-	-	1	6	-	4		

¹See discussion in text for definition of nonresident.

GENERAL TABLES—TOTAL DEATHS

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**TABLE 12.—DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE:
UNITED STATES AND EACH STATE, 1949—Continued**

(Exclusive of fetal deaths and of deaths among armed forces overseas)

STATE OF OCCURRENCE	DEATHS OF NONRESIDENTS ¹ —Continued																		
	Interstate nonresidents—Continued																		
	State of residence—Continued																		
	Ind.	Iowa	Kans.	Ky.	La.	Maine	Md.	Mass.	Mich.	Minn.	Miss.	Mo.	Mont.	Nebr.	Nev.	N. H.	N. J.	N. Mex.	N. Y.
UNITED STATES	1,373	905	951	1,164	437	295	1,058	965	1,145	747	664	1,695	277	577	146	419	2,358	409	2,725
Alabama	3	1	4	5	20	1	-	4	11	-	70	4	-	-	1	2	-	-	12
Arizona	21	22	11	5	5	2	4	9	30	15	2	18	7	8	9	-	11	.85	38
Arkansas	7	7	6	5	28	-	-	1	3	4	20	126	1	2	1	1	1	3	9
California	16	37	38	6	7	3	5	26	34	39	4	39	21	21	92	-	11	18	81
Colorado	10	20	82	5	3	-	1	4	11	17	1	25	7	67	2	1	4	51	35
Connecticut	-	1	-	1	-	8	4	96	5	1	-	4	-	1	-	12	36	-	239
Delaware	-	-	-	-	-	-	61	1	-	-	-	-	-	-	-	-	47	-	11
District of Columbia	5	1	3	4	7	5	528	17	9	3	2	3	1	-	-	4	15	1	57
Florida	65	18	6	24	8	27	33	100	142	20	9	20	1	1	-	22	126	1	421
Georgia	3	-	11	16	14	1	7	4	4	2	15	6	-	2	-	-	8	-	34
Idaho	-	5	4	-	1	-	1	1	2	4	1	4	20	5	2	-	-	-	2
Illinois	409	158	20	49	4	2	5	11	114	56	10	282	1	21	1	-	7	2	39
Indiana	...	7	5	170	5	-	2	2	160	4	2	15	1	-	-	-	9	3	14
Iowa	7	...	14	1	1	-	-	1	11	77	-	167	4	191	2	-	2	1	8
Kansas	7	14	...	2	1	-	1	-	4	5	4	591	1	40	-	-	1	5	7
Kentucky	221	1	2	...	2	2	2	1	17	-	3	22	-	-	2	-	-	-	15
Louisiana	7	2	2	2	...	-	2	3	3	2	178	5	-	1	1	-	3	2	12
Maine	-	-	-	-	...	7	69	2	-	2	-	2	-	-	64	20	-	-	36
Maryland	6	2	1	15	7	4	...	18	12	3	2	2	1	2	-	2	45	3	75
Massachusetts	3	4	1	3	1	112	7	...	12	3	1	7	-	-	184	45	2	-	208
Michigan	123	11	6	22	1	1	1	4	...	11	2	23	-	5	-	11	-	-	27
Minnesota	24	189	15	-	-	-	-	1	39	...	1	38	22	36	2	1	1	2	9
Mississippi	4	2	2	4	158	-	-	-	6	1	...	10	1	1	-	1	1	2	4
Missouri	36	108	430	28	6	-	4	4	18	8	6	...	3	34	-	2	2	6	13
Montana	-	4	3	2	1	-	-	1	7	24	2	8	...	3	2	-	1	-	3
Nebraska	5	156	82	-	2	-	-	1	1	6	-	30	3	...	-	-	1	1	6
Nevada	1	-	2	-	1	1	1	2	2	1	-	2	2	2	...	-	1	1	8
New Hampshire	1	1	-	-	-	63	4	129	2	-	1	-	1	-	1	...	6	-	30
New Jersey	2	1	2	2	2	8	30	21	8	1	-	9	1	1	1	3	...	-	594
New Mexico	7	9	18	2	4	-	2	3	14	4	-	15	-	5	-	1	2	...	9
New York	14	5	2	5	4	25	31	150	35	7	3	8	3	4	1	15	1,066	4	...
North Carolina	7	1	3	10	-	3	31	11	10	-	3	3	-	3	-	3	20	1	51
North Dakota	-	8	1	-	-	-	-	-	2	187	-	4	41	-	-	-	-	-	-
Ohio	232	8	8	332	3	1	6	14	210	5	2	13	-	2	-	1	15	-	74
Oklahoma	2	5	103	-	5	1	1	-	3	-	1	37	1	7	-	-	-	7	5
Oregon	1	7	4	-	1	-	1	1	4	10	1	4	29	5	2	-	-	1	5
Pennsylvania	16	3	2	5	2	4	95	24	27	-	3	3	2	2	1	2	761	-	299
Rhode Island	-	-	-	1	-	2	1	183	-	-	1	-	-	-	4	4	-	-	13
South Carolina	3	-	-	3	1	2	7	3	4	-	-	-	-	-	-	1	6	-	26
South Dakota	-	30	7	1	-	-	-	1	4	58	-	6	13	63	-	-	1	-	1
Tennessee	19	6	1	217	13	2	2	1	27	-	292	72	2	-	-	-	3	2	15
Texas	19	17	34	7	131	1	3	7	16	15	13	29	1	7	-	1	8	196	39
Utah	2	1	5	1	-	-	-	-	-	2	1	6	5	1	21	-	3	2	4
Vermont	-	-	-	-	-	6</													

VITAL STATISTICS OF THE UNITED STATES

TABLE 12.— DEATHS BY STATE OF OCCURRENCE DISTRIBUTED ACCORDING TO STATE OF RESIDENCE: UNITED STATES AND EACH STATE, 1949—Continued

(Exclusive of fetal deaths and of deaths among armed forces overseas)

STATE OF OCCURRENCE	DEATHS OF NONRESIDENTS ¹ —Continued																		Total deaths of residents
	Interstate nonresidents—Continued																		
	State of residence—Continued																		
	N. C.	N. Dak.	Ohio	Okla.	Oreg.	Pa.	R. I.	S. C.	S. Dak.	Tenn.	Tex.	Utah	Vt.	Va.	Wash.	W. Va.	Wis.	Wyo.	
UNITED STATES-----	842	384	1,872	1,013	495	2,351	366	483	347	793	1,282	159	237	1,299	620	812	863	227	1,443,607
Alabama-----	11	-	10	2	-	4	-	17	-	66	7	-	-	1	2	1	2	-	26,750
Arizona-----	3	-	58	26	8	17	2	-	5	4	45	8	1	3	19	7	8	3	6,397
Arkansas-----	-	-	3	175	2	5	-	-	-	44	215	1	-	4	3	1	5	1	15,680
California-----	3	10	48	31	135	35	5	5	5	15	75	28	-	3	107	5	25	7	100,354
Colorado-----	-	3	22	31	2	12	1	4	7	2	46	25	-	2	9	-	4	59	12,415
Connecticut-----	2	-	6	-	-	15	23	-	-	4	-	-	7	3	-	-	-	-	18,829
Delaware-----	1	-	1	-	-	77	-	-	-	-	-	-	-	4	1	-	1	-	5,330
District of Columbia-----	22	-	14	1	-	38	1	5	1	6	2	2	-	393	1	12	1	-	6,448
Florida-----	32	-	166	1	3	203	13	30	1	35	16	-	9	30	10	23	58	-	25,376
Georgia-----	42	-	22	3	-	13	2	169	-	47	9	1	-	17	1	5	-	-	29,608
Idaho-----	-	1	2	3	39	1	-	-	2	-	6	28	-	1	70	-	-	5	4,701
Illinois-----	7	3	52	16	5	27	-	1	8	19	25	5	3	7	5	12	168	1	92,568
Indiana-----	3	1	211	3	1	22	-	-	-	6	19	-	1	2	1	7	12	-	40,026
Iowa-----	1	10	10	10	6	3	-	-	65	1	7	3	-	-	3	2	60	5	26,106
Kansas-----	3	1	13	192	3	4	-	2	5	2	30	2	-	-	3	3	4	2	18,814
Kentucky-----	5	-	203	4	-	11	-	4	-	158	5	-	-	43	1	44	2	-	28,046
Louisiana-----	4	-	4	6	-	5	-	-	-	11	165	1	-	5	1	1	1	-	25,400
Maine-----	-	-	1	-	1	9	5	-	-	-	1	-	3	2	-	-	-	-	10,099
Maryland-----	29	-	23	-	1	250	4	9	-	10	14	-	-	175	2	103	1	3	22,110
Massachusetts-----	2	3	7	5	2	25	260	2	1	2	7	-	37	8	2	2	1	-	50,767
Michigan-----	3	1	168	4	3	33	4	-	1	9	18	-	-	3	2	5	121	-	57,422
Minnesota-----	2	198	13	3	3	8	-	1	131	1	27	4	-	1	14	2	306	7	27,719
Mississippi-----	2	-	3	5	1	5	-	-	-	75	31	-	-	3	1	1	-	-	20,661
Missouri-----	3	1	27	90	5	4	2	1	5	24	37	3	-	7	5	2	6	6	43,825
Montana-----	2	44	2	2	7	2	-	-	4	1	7	4	-	-	33	-	8	33	5,878
Nebraska-----	-	3	1	5	2	4	-	-	33	1	10	1	-	1	5	-	1	14	12,644
Nevada-----	-	-	3	2	7	2	-	-	-	-	2	12	-	-	3	-	1	-	1,610
New Hampshire-----	1	1	-	-	-	6	3	-	-	-	2	-	124	-	2	-	-	-	6,109
New Jersey-----	12	-	15	2	-	503	4	2	-	3	3	-	-	19	-	1	-	-	47,680
New Mexico-----	-	-	10	30	-	10	1	-	1	7	149	3	-	1	3	2	5	4	5,576
New York-----	27	-	71	6	1	472	15	14	2	4	19	4	41	35	7	7	15	2	155,020
North Carolina-----	...	-	14	1	-	29	2	176	-	58	8	-	2	211	1	18	4	-	31,009
North Dakota-----	-	...	-	-	2	-	-	-	32	-	11	-	-	-	4	-	5	-	5,222
Ohio-----	9	4	...	4	1	257	2	1	-	26	22	-	3	12	5	276	6	-	90,368
Oklahoma-----	3	1	6	...	2	2	-	-	2	-	135	-	-	3	2	-	3	2	19,394
Oregon-----	-	5	4	3	...	1	-	-	4	2	4	2	-	-	248	1	3	-	13,691
Pennsylvania-----	14	2	210	6	1	...	3	10	1	3	5	-	-	36	7	90	9	1	108,363
Rhode Island-----	-	-	2	1	1	4	...	2	-	1	-	-	1	1	-	-	-	1	6,071
South Carolina-----	163	-	3	1	2	13	2	...	-	6	9	-	-	14	-	4	1	-	17,494
South Dakota-----	2	64	1	-	5	1	-	-	...	-	3	-	1	-	6	-	3	29	5,687
Tennessee-----	67	1	27	5	3	16	-	12	-	...	33	1	-	100	2	7	4	-	28,993
Texas-----	4	-	25	314	9	17	5	1	5	12	...	-	2	6	13	2	10	2	63,337
Utah-----	-	2	1	3	2	3	-	-	3	1	2	...	-	1	9	-	1	36	4,929
Vermont-----	-	-	2	-	-	3	3	-	-	-	-	-	...	-	-	-	2	-	4,162
Virginia-----	353	1	13	3	-	70	4	15	-	117	7	2	2	...	1	160	4	-	29,345
Washington-----	4	12	5	1	222	4	-	-	5	3	12	6	-	2	...	4	6	4	22,491
West Virginia-----	5	1	368	1	-	94	-	2	-	4	2	-	-	137	-	...	2	-	17,305
Wisconsin-----	-	8	14	2	2	12	-	-	6	4	17	2	-	1	4	2	...	-	32,933
Wyoming-----	-	3	8	6	6	-	-	-	12	-	15	10	-	2	3	-	3	...	2,385

¹See discussion in text for definition of nonresident.

GENERAL TABLES—MARRIAGES

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TABLE 13.—MARRIAGES: UNITED STATES, EACH STATE AND COUNTY, 1949

(By place of occurrence unless otherwise specified)

AREA	Number	AREA	Number	AREA	Number	AREA	Number
UNITED STATES	*1,579,798	ARKANSAS—Continued		CALIFORNIA—Continued		COLORADO—Continued	
ALABAMA	19,411	Bradley.....	198	Marin.....	640	Rio Grande.....	65
Autauga.....	319	Calhoun.....	62	Mariposa.....	22	Routt.....	61
Baldwin.....	173	Carroll.....	667	Mendocino.....	199	Saguache.....	16
Barbour.....	85	Chicot.....	415	Merced.....	519	San Juan.....	6
Bibb.....	102	Clark.....	259	Modoc.....	24	San Miguel.....	12
Blount.....	148	Clay.....	4,844	Mono.....	6	Sedgwick.....	55
Bullock.....	114	Cleburne.....	81	Monterey.....	1,127	Summit.....	8
Butler.....	249	Cleveland.....	87	Napa.....	214	Teller.....	14
Calhoun.....	414	Columbia.....	483	Nevada.....	66	Washington.....	58
Chambers.....	118	Conway.....	213	Orange.....	2,315	Weld.....	600
Cherokee.....	87	Craighead.....	856	Placer.....	144	Yuma.....	90
Chilton.....	234	Crawford.....	1,702	Plumas.....	28		
Choctaw.....	16	Crittenden.....	2,188	Riverside.....	1,208	CONNECTICUT	18,541
Clarke.....	133	Cross.....	325	Sacramento.....	1,746	Fairfield.....	5,174
Clay.....	58	Dallas.....	114	San Benito.....	134	Hartford.....	4,687
Cleburne.....	48	Desha.....	376	San Bernardino.....	1,549	Litchfield.....	1,135
Coffee.....	210	Drew.....	272	San Diego.....	3,814	Middlesex.....	582
Colbert.....	88	Faulkner.....	292	San Francisco.....	7,835	New Haven.....	4,809
Conecuh.....	151	Franklin.....	274	San Joaquin.....	1,234	New London.....	1,247
Coosa.....	106	Fulton.....	585	San Luis Obispo.....	394	Tolland.....	270
Covington.....	452	Garland.....	705	San Mateo.....	1,423	Windham.....	657
Crenshaw.....	153	Grant.....	92	Santa Barbara.....	1,020		
Cullman.....	381	Greene.....	504	Santa Clara.....	2,085	DELAWARE	2,597
Dale.....	79	Hempstead.....	290	Santa Cruz.....	551	Kent.....	263
Dallas.....	450	Hot Springs.....	377	Shasta.....	233	New Castle.....	2,026
De Kalb.....	127	Howard.....	162	Sierra.....	3	Sussex.....	286
Elmore.....	259	Independence.....	301	Sierraville.....	168		
Escambia.....	313	Isard.....	67	Solano.....	646		
Etowah.....	491	Jackson.....	402	Sonoma.....	713	DISTRICT OF COLUMBIA	19,891
Fayette.....	33	Jefferson.....	1,015	Stanislaus.....	935		
Franklin.....	47	Johnson.....	145	Sutter.....	110	FLORIDA	22,039
Geneva.....	134	Lafayette.....	221	Tehama.....	96	Alachua.....	314
Greene.....	106	Lanier.....	411	Trinity.....	14	Baker.....	38
Hale.....	113	Lee.....	381	Tulare.....	1,102	Bay.....	251
Henry.....	40	Lincoln.....	155	Tuolumne.....	72	Bradford.....	60
Houston.....	270	Little River.....	230	Ventura.....	969	Broward.....	151
Jackson.....	87	Logan.....	185	Yolo.....	138	Broward.....	1,244
Jefferson.....	4,801	Lonoke.....	327	Yuba.....	146	Calhoun.....	26
Lamar.....	13	Madison.....	210			Charlotte.....	44
Lauderdale.....	186	Marion.....	84	COLORADO	12,639	Citrus.....	57
Lawrence.....	66	Miller.....	1,525	Adams.....	284	Clay.....	47
Lee.....	295	Mississippi.....	1,921	Alamosa.....	74	Collier.....	52
Idemstone.....	314	Monroe.....	270	Arapahoe.....	772	Columbia.....	74
Loudes.....	89	Montgomery.....	84	Archuleta.....	9	De Soto.....	5,197
Macon.....	209	Nevada.....	155	Baca.....	26	Dixie.....	95
Madison.....	654	Newton.....	56	Bent.....	33	Duval.....	10
Marango.....	104	Onschita.....	437	Boulder.....	425	Escambia.....	1,747
Marion.....	51	Perry.....	60	Chaffee.....	51	Flagler.....	42
Marshall.....	235	Phillips.....	826	Cheyenne.....	25	Franklin.....	30
Mobile.....	851	Pike.....	104	Clear Creek.....	65	Gadsden.....	69
Monroe.....	155	Poinsett.....	442	Conejos.....	32	Galveston.....	27
Montgomery.....	1,402	Polk.....	157	Costilla.....	35	Glades.....	47
Morgan.....	285	Pope.....	286	Crowley.....	25	Gulf.....	29
Perry.....	134	Prairie.....	149	Custer.....	3	Hamilton.....	37
Pickens.....	20	Fulani.....	1,365	Delta.....	158	Hendry.....	109
Pike.....	312	Randolph.....	1,823	Denver.....	4,976	Hernando.....	83
Randolph.....	101	St. Francis.....	540	Dolores.....	5	Highlands.....	143
Russell.....	789	Saline.....	2,359	Douglas.....	146	Hillborough.....	2,293
St. Clair.....	167	Scott.....	254	Elbert.....	14	Holmes.....	41
Shelby.....	188	Searcy.....	106	El Paso.....	812	Indian River.....	113
Sumter.....	29	Sebastian.....	1,797	Fremont.....	120	Jackson.....	144
Tallahassee.....	506	Savler.....	514	Garfield.....	96	Jefferson.....	39
Tallahassee.....	222	Sharp.....	213	Gilpin.....	18	Lafayette.....	15
Tuscaloosa.....	335	Stone.....	61	Grand.....	46	Lake.....	212
Walker.....	275	Union.....	608	Gunnison.....	44	Lee.....	183
Washington.....	15	Van Buren.....	100	Hinsdale.....	3	Leon.....	229
Wilcox.....	175	Washington.....	657	Huerfano.....	62	Levy.....	72
Winston.....	64	White.....	373	Jackson.....	13	Liberty.....	15
		Woodruff.....	282	Jefferson.....	676	Madison.....	37
ARIZONA (marriages)	23,139	Yell.....	176	Kit Carson.....	9	Manitou.....	305
	(+22,086)			Kiowa.....	46	Marion.....	280
Apache.....	89	CALIFORNIA	277,873	La Plata.....	63	Martin.....	79
Cochise.....	259	Alameda.....	5,752	Les Animas.....	393	Monroe.....	368
Concho.....	330	Alpine.....	-	Lincoln.....	128	Nassau.....	44
Gila.....	328	Anaconda.....	29	Logan.....	40	Ocala.....	147
Graham.....	126	Butte.....	358	Mesa.....	150	Okechobee.....	37
Greenlee.....	66	Calaveras.....	31	Mineral.....	392	Orange.....	854
Maricopa.....	3,492	Colusa.....	34	Moffat.....	-	Osceola.....	166
Mohave.....	471	Contra Costa.....	1,267	Montezuma.....	33	Palm Beach.....	1,091
Navajo.....	238	Del Norte.....	117	Montrose.....	114	Pasco.....	201
Pima.....	1,367	El Dorado.....	53	Morgan.....	166	Pinellas.....	1,314
Pinal.....	907	Fresno.....	2,272	Otero.....	142	Polk.....	1,086
Santa Cruz.....	390	Glen.....	69	Ouray.....	16	Putnam.....	117
Yavapai.....	288	Humboldt.....	569	Park.....	11	St. Johns.....	196
Yuma.....	13,735	Imperial.....	223	Phillips.....	29	St. Lucie.....	210
		Inyo.....	24	Pitkin.....	7	Santa Rosa.....	81
ARKANSAS	44,045	Kern.....	1,406	Powers.....	104	Sarasota.....	250
Arkansas.....	327	Kings.....	380	Pueblo.....	553	Seminole.....	198
Ashley.....	364	Lake.....	49	Rio Blanco.....	27	Sumter.....	102
Baxter.....	474	Lassen.....	35			Suwannee.....	96
Benton.....	3,358	Los Angeles.....	31,354				
Boone.....	1,280	Madra.....	228				

*Based on marriages wherever available. See footnotes on p. 175.

GENERAL TABLES—MARRIAGES

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TABLE 13.—MARRIAGES: UNITED STATES, EACH STATE AND COUNTY, 1949—Continued

(By place of occurrence unless otherwise specified)

AREA	Number	AREA	Number	AREA	Number	AREA	Number
OKLAHOMA—Continued		PENNSYLVANIA—Continued		SOUTH CAROLINA—Continued		TENNESSEE—Continued	
Logan	517	Cumberland	397	Newberry	302	Clatborne	75
Love	44	Dauphin	1,649	Oconee	447	Clay	9
McClellan	—	Delaware	4,132	Orangeburg	655	Cooke	285
McCurtain	42	Elk	435	Pickens	586	Coffee	116
McIntosh	82	Erie	2,110	Richland	1,855	Crockett	28
Major	85	Fayette	1,149	Saluda	198	Cumberland	75
Marshall	32	Forest	65	Spartanburg	1,736	Davidson	2,145
Mayes	144	Franklin	259	Sumter	599	Decatur	11
Murray	54	Fulton	46	Union	—	De Kalb	30
Muskogee	437	Greene	292	Williamsburg	494	Dickson	65
Noble	151	Huntingdon	278	York	4,911	Dyer	66
Nowata	115	Indiana	595	SOUTH DAKOTA		Fayette	18
Oklfuskee	105	Jefferson	435	6,519		Fentress	40
Oklahoma	5,247	Juniata	120	Armstrong	—	Franklin	95
Oksagee	591	Lackawanna	2,504	Aurora	25	Gibson	120
Osage	197	Lancaster	1,818	Bendle	221	Giles	157
Ottawa	298	Lawrence	1,115	Bennett	37	Grainger	53
Pawnee	150	Lebanon	756	Bon Homme	76	Greene	274
Pawnee	378	Lehigh	1,808	Brookings	135	Grundy	29
Pittsburg	271	Luzerne	3,765	Brule	61	Hamblen	281
Ponkotoe	279	Lyconing	787	Buffalo	7	Hamilton	567
Pottawatomie	394	McKeen	354	Butte	89	Hancock	21
Pushmataha	34	Mercer	1,145	Campbell	30	Hardeman	15
Roger Mills	28	Millfin	550	Charles Mix	106	Hardin	4
Rogers	252	Monroe	528	Clerk	21	Hawkins	119
Seminole	—	Montgomery	2,424	Clay	152	Haywood	52
Sequoyah	26	Montour	85	Codrington	252	Henderson	9
Stephens	167	Northampton	1,554	Corson	51	Henry	74
Texas	55	Northumberland	947	Custer	65	Hickman	58
Tillman	75	Perry	124	Davidson	178	Houston	27
Tulsa	2,381	Philadelphia	14,755	Day	592	Humphreys	51
Wagoner	115	Pike	154	Deuel	39	Jackson	24
Washington	461	Potter	154	Dewey	33	Jefferson	86
Washita	125	Schuykill	1,579	Douglas	41	Johnson	152
Woods	129	Snyder	168	Edmonds	71	Knox	1,492
Woodward	135	Somerset	471	Fall River	114	Lake	39
OREGON		Sullivan	81	Faulk	59	Lake	67
10,746		Susquehanna	561	Grant	154	Lauderdale	82
Baker	147	Tioga	574	Gregory	75	Lawrence	8
Benton	215	Union	169	Haakon	21	Lewis	117
Clackamas	407	Vernonia	522	Hamlin	65	Lincoln	—
Clatsop	231	Warren	560	Hand	51	London	153
Columbia	116	Washington	1,637	Hanson	36	Mekin	152
Cook	348	Wayne	217	Harding	12	McNairy	12
Crook	41	Westmoreland	2,471	Hughes	136	Madison	16
Curry	41	Wyoming	109	Hutchinson	81	Madison	147
Deschutes	215	York	885	Hyde	26	Marion	44
Douglas	451	KNOLE ISLAND		Jackson	21	Marshall	71
Gilliam	16	7,098		Jerrald	50	Mary	201
Grant	51	Bristol	258	Jones	14	Meigs	13
Harney	28	Kent	570	Kingsbury	71	Monroe	95
Hood River	67	Lewis	536	Lake	72	Montgomery	166
Jackson	488	Newport	536	Lawrence	159	Moore	25
Jefferson	17	Peru	5,520	Lincoln	111	Morgan	82
Josephine	216	Washington	454	Lyman	28	Obion	175
Klamath	285	SOUTH CAROLINA		McCook	69	Overton	47
Lake	51	1,539,508		McPherson	61	Ferry	5
Lane	1,031	Abbeville	240	Marshall	64	Pickett	9
Lincoln	151	Aiken	1,681	Meade	74	Polk	8
Linn	420	Allendale	143	Mallette	12	Putnam	164
Malheur	130	Anderson	675	Miner	37	Rhea	48
Marion	835	Bamberger	205	Moody	55	Roane	152
Morrow	22	Barnwell	181	Pennington	562	Robertson	102
Multnomah	3,435	Beaufort	200	Perkins	59	Rutherford	223
Polk	159	Berkeley	327	Potter	42	Scott	99
Sherman	5	Calhoun	122	Roberts	130	Sequatchie	10
Tillamook	121	Charleston	1,751	Samborn	35	Sevier	141
Umatilla	251	Cherokee	1,854	Shamon	—	Shelby	1,554
Union	142	Chester	620	Spink	85	Smith	21
Hallowa	41	Chesterfield	51,265	Stanley	33	Stewart	16
Hallowa	41	Clarendon	268	Sully	12	Sullivan	695
Wasco	77	Colleton	323	Todd	—	Sumner	81
Washington	503	Darlington	758	Tripp	82	Tipton	54
Wheeler	4	Dillon	—	Turner	87	Trousdale	12
Yamhill	250	Dorchester	159	Union	240	Unicoi	115
Not stated	4	Edgefield	454	Walworth	77	Union	44
PENNSYLVANIA		Fairfield	173	Washabaugh	5	Van Buren	1
285,995		Florence	906	Washington	162	Warren	91
Adams	234	Georgetown	283	Ziebach	16	Washington	646
Allgheny	15,077	Greenville	2,655	TENNESSEE		Wayne	7
Armstrong	629	Greenwood	518	Anderson	296	Weakley	76
Beaver	1,405	Hampton	155	Bedford	127	White	65
Bedford	147	Horry	1,688	Benton	27	Williamson	273
Berks	2,191	Jasper	529	Bledsoe	9	Wilson	118
Blairstown	1,007	Kershaw	501	Blount	274	TEXAS	
Bradford	581	Lancaster	879	Blount	90	1,866,214	
Bucks	1,156	Laurens	507	Bradley	210	Anderson	307
Butler	1,029	Lee	256	Cannon	28	Andrews	67
Cambria	1,600	Lexington	435	Carroll	46	Angelina	458
Cameron	116	McCormick	147	Carter	547	Aranosa	138
Carbon	503	Marion	—	Cheatham	30	Archer	125
Centre	369	Marlboro	1,916	Chester	13	Armstrong	35
Chester	924						
Clarion	274						
Clearfield	634						
Clinton	454						
Columbia	440						
Crawford	645						

See footnotes on p. 175.

VITAL STATISTICS OF THE UNITED STATES

TABLE 13.—MARRIAGES: UNITED STATES, EACH STATE AND COUNTY, 1949—Continued

(By place of occurrence unless otherwise specified.)

AREA	Number	AREA	Number	AREA	Number	AREA	Number
TEXAS—Continued		TEXAS—Continued		TEXAS—Continued		VERMONT—	
Atascosa	205	Harden	144	Reeves	179	Addison	146
Austin	120	Hardin	398	Refugio	79	Berlington	301
Bailey	62	Harris	9,121	Roberts	13	Caledonia	225
Bandera	55	Harrison	608	Robertson	149	Chittenden	564
Bastrop	201	Bartley	7	Rockwall	2,523	Essex	54
Baylor	81	Bankell	137	Rummels	180	Franklin	253
Bee	155	Bays	364	Rusk	584	Grand Isle	21
Bell	789	Bemphill	134	Sabine	79		
Bexar	5,308	Benderson	269	San Augustine	111	Tamolle	89
Blanco	46	Bidalgo	1,794	San Jacinto	145	Orange	124
Borden	3	Hill	298			Orleans	173
Bosque	71	Hockley	207	San Patricio	585	Rutland	361
Bowie	354	Hood	98	San Saba	72	Washington	544
Brazoria	491	Hopkins	219	Schleicher	23	Windham	339
Brazos	406	Houston	231	Scurry	127	Windsor	371
Brewster	75	Howard	354	Shackelford	81		
		Hudspeth	45	Shelby	286	VIRGINIA—	
		Hunt	481	Sherman	36	35,174	
		Hutchinson	224	Smith	664	Accomack	75
		Irion	99	Smervell	75	Albemarle	201
		Jack	88	Starr	207	Alleghany	240
		Jackson	128			Amelia	81
		Jasper	169	Stephens	169	Amherst	154
		Jeff Davis	24	Stonewall	47	Appomattox	69
		Jefferson	2,271	Sutton	37	Arlington	1,570
		Jim Hogg	69	Swisher	56		
		Jim Wells	279	Tarrant	3,713	Augusta	385
		Johnson	349	Taylor	703	Bath	46
		Jones	236	Terrell	19	Bedford	181
		Karnes	172	Terry	141	Bland	102
		Kaufman	310	Throckmorton	37	Botetourt	109
		Kendall	102			Brunswick	167
		Kenedy	6			Buchanan	105
		Kent	7	Titus	163		
		Kerr	165	Tom Green	697	Buckingham	60
		Kimble	51	Trevis	1,972	Campbell	202
		King	5	Trinity	103	Caroline	76
		Kimrey	36	Tyler	103	Carroll	136
		Kleberg	291	Upshur	192	Charles City	32
		Knox	—	Upton	73	Charlotte	105
		Lamar	627	Val Verde	159	Chesterfield	232
		Lamb	220	Van Zandt	233		
		Lampasas	116			Clarke	65
		La Salle	63	Victoria	321	Craig	26
		Lavaca	193	Walker	288	Culpeper	139
		Lee	88	Waller	151	Cumberland	46
		Leon	90	Ward	140	Dickenson	298
		Liberty	1,041	Washington	256	Dimwiddie	60
		Limestone	295	Webb	635	Elizabeth City	6429
		Lipscomb	31	Wharton	509	Essex	56
		Live Oak	62	Wheeler	460	Fairfax	427
		Llano	74	Wichita	1,621	Fauquier	152
		Loving	5	Wilberger	572	Floyd	80
		Lubbock	1,017			Fluvanna	153
		Lyon	128	Willacy	373	Franklin	42
		McFulloch	107	Williamson	429	Frederick	1,024
		McLennan	1,583	Wilson	185	Giles	297
		McMullen	13	Winkler	116	Gloucester	81
		Madison	106	Wise	174	Goochland	46
		Martin	153	Wood	158	Grayson	179
		Mason	96	Yakum	43	Greene	38
		Matagorda	242	Young	135	Greensville	1,095
		Maverick	117	Zapata	30	Halifax	404
		Medina	165	Zavala	79	Hanover	162
		Menard	41			Henrico	254
		Midland	337	UTAH—		Henry	184
		Milam	252	16,402		Highland	53
		Mills	55	Beaver	25	Isle of Wight	103
		Mitchell	155	Box Elder	168	James City	39
		Montague	153	Cache	398	King and Queen	43
		Montgomery	—	Carbon	180	King George	25
		Moore	135	Daggett	1	King William	52
		Morris	116	Davis	140	Lancaster	54
		Motley	46	Duchesne	32	Lee	68
		Nacogdoches	336	Emery	35	Loudoun	159
		Navarro	494	Garfield	15	Louisa	88
		Newton	127			Lansburg	111
		Nolan	215	Grand	9	Madison	44
		Nusces	1,967	Iron	69	Mathews	50
		Ochiltree	222	Juab	63	Necklenburg	239
		Oldham	15	Kane	10	Middlesex	60
		Orange	695	Millard	42	Montgomery	222
		Palo Pinto	207	Morgan	20	Nansemond	218
		Panola	199	Piute	12	Nelson	82
		Parker	1,650	Rich	26	New Kent	31
		Parmer	43	Salt Lake	3,062	Norfolk	7419
		Pecos	80	San Juan	16	Northampton	144
		Folk	209	Sampete	108	Northumberland	82
		Potter	925	Sevier	81	Notoway	145
		Freudie	59	Summit	82	Orange	94
		Rains	38	Tooele	97	Page	146
		Randall	114	Utah	81	Patrick	69
		Reagan	47	Wasatch	589	Pittsylvania	496
		Real	16	Washington	49	Powhatan	48
		Red River	153	Wayne	154	Prince Edward	116
				Webster	8	Prince George	172
					822	Prince William	149
						Princess Anne	255

See footnotes on p. 173.

GENERAL TABLES—MARRIAGES

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TABLE 13.—MARRIAGES: UNITED STATES, EACH STATE AND COUNTY, 1949—Continued

(By place of occurrence unless otherwise specified)

AREA	Number	AREA	Number	AREA	Number	AREA	Number	
VIRGINIA—Continued		WASHINGTON—Continued		WEST VIRGINIA—Continued		WISCONSIN—Continued		
Pulaski-----	223	Garfield-----	35	Morgan-----	26	Marquette-----	295	
Rappahannock-----	27	Grant-----	149	Nicholas-----	212	Marquette-----	66	
Richmond-----	47	Grays Harbor-----	594	Ohio-----	819	Milwaukee-----	7,949	
Roanoke-----	269	Island-----	106	Pendleton-----	44	Monroe-----	213	
Rockbridge-----	203	Jefferson-----	119	Pleasants-----	98	Onoto-----	204	
Rockingham-----	5367	King-----	8,455	Pocahontas-----	60	Oneida-----	141	
Russell-----	179	Kitsap-----	812	Preston-----	38	Outagamie-----	565	
Scott-----	382	Kittitas-----	369	Putnam-----	123	Osaukee-----	167	
Shenandoah-----	145	Klickitat-----	229	Raleigh-----	733	Pepin-----	83	
Smyth-----	184	Lewis-----	552	Randolph-----	220	Pierce-----	102	
Southampton-----	217	Lincoln-----	82	Ritchie-----	85	Folk-----	159	
Spotsylvania-----	57	Mason-----	262	Roane-----	179	Portage-----	294	
Stafford-----	44	Okanogan-----	224	Summers-----	159	Price-----	112	
Surry-----	27	Pacific-----	210	Taylor-----	75	Racine-----	969	
Sussex-----	97	Pend Oreille-----	104	Tucker-----	36	Richland-----	132	
Tazewell-----	628	Pierce-----	3,164	Tyler-----	83	Rock-----	690	
Warren-----	141	San Juan-----	16	Upshur-----	186	Rusk-----	104	
Warwick-----	173	Skagit-----	722	Wayne-----	90	St. Croix-----	478	
Washington-----	293	Skamania-----	1,793	Webster-----	159	Sauk-----	266	
Westmoreland-----	46	Snohomish-----	1,479	Wetzel-----	193	Sawyer-----	72	
Wise-----	278	Spokane-----	1,869	Wirt-----	37	Shavano-----	294	
Wythe-----	196	Stevens-----	119	Wood-----	578	Sheboygan-----	662	
York-----	64	Thurston-----	822	Wyoming-----	284	Taylor-----	112	
Independent Cities		Wahkiakum-----	54	WISCONSIN		Trempealeau-----		171
Alexandria-----	1,052	Walla Walla-----	589	27,782	Vernon-----	190	Vilas-----	69
Bristol-----	191	Whatcom-----	787	Adams-----	54	Walworth-----	322	
Buena Vista-----	49	Whitman-----	174	Ashland-----	169	Washington-----	61	
Charlottesville-----	358	Yakima-----	1,228	Barron-----	239	Washington-----	271	
Clifton Forge-----	147	WEST VIRGINIA		Bayfield-----	74	Waukesha-----	585	
Danville-----	795	15,739	Barbour-----	127	Brown-----	876	Waupaca-----	279
Fredericksburg-----	242	Berkeley-----	140	Buffalo-----	98	Waushara-----	95	
Hampton-----	---	Boone-----	248	Burnett-----	50	Winnebago-----	733	
Harrisonburg-----	---	Braxton-----	116	Calumet-----	111	Wood-----	400	
Hopewell-----	127	Brooke-----	224	Chippewa-----	277	WYOMING		3,414
Lynchburg-----	548	Labell-----	483	Clark-----	227	Albany-----	202	
Martinsville-----	236	Calhoun-----	62	Columbia-----	285	Big Horn-----	70	
Newport News-----	607	Clay-----	151	Crawford-----	128	Campbell-----	45	
Norfolk-----	2,619	Doddridge-----	74	Dane-----	1,383	Carbon-----	132	
Petersburg-----	563	Fayette-----	604	Dodge-----	386	Converse-----	93	
Portsmouth-----	989	Gilmer-----	64	Door-----	160	Crook-----	18	
Radford-----	109	Grant-----	26	Douglas-----	327	Fremont-----	186	
Richmond-----	2,985	Greenbrier-----	219	Dunn-----	177	Goshen-----	110	
Roanoke-----	973	Hampshire-----	28	Eau Claire-----	425	Hot Springs-----	68	
South Norfolk-----	---	Hancock-----	353	Florence-----	18	Johnson-----	33	
Staunton-----	210	Hardy-----	33	Fond du Lac-----	570	Laramie-----	827	
Suffolk-----	205	Harrison-----	567	Forest-----	86	Lincoln-----	45	
Williamsburg-----	144	Jackson-----	107	Grant-----	283	Natrona-----	401	
Winchester-----	1,617	Jefferson-----	39	Green Lake-----	103	Niobrara-----	50	
WASHINGTON		Kanawha-----	1,938	Iowa-----	117	Park-----	100	
Adams-----	68	Lewis-----	169	Iron-----	85	Platte-----	86	
Asotin-----	199	Lincoln-----	79	Jackson-----	90	Sheridan-----	229	
Benton-----	280	Logan-----	429	Jefferson-----	369	Sublette-----	9	
Chelan-----	403	McDowell-----	673	Jumeau-----	151	Sweetwater-----	201	
Clallam-----	279	Marion-----	576	Kenosha-----	632	Teton-----	71	
Clark-----	4,191	Marshall-----	357	Kewaunee-----	140	Uinta-----	343	
Columbia-----	78	Mason-----	118	La Crosse-----	552	Washakie-----	83	
Cowlitz-----	1,021	Mercer-----	363	Lafayette-----	141	Weston-----	51	
Douglas-----	35	Mineral-----	39	Langlade-----	207	Yellowstone National Park (part)-----	1	
Ferry-----	26	Mingo-----	326	Lincoln-----	199	Yellowstone National Park (total)-----	1	
Franklin-----	596	Monongalia-----	407	Manitowoc-----	537			
		Monroe-----	85	Marathon-----	600			

¹Total and county data represent marriage licenses.
²Marriages distributed by county where license was issued.
³Partly estimated.
⁴Estimated from reports for 10 months.
⁵Estimated from reports for 11 months.
⁶Hampton (city) figures included with Elizabeth City (county).
⁷South Norfolk (city) figures included with Norfolk (county).
⁸Harrisonburg (city) figures included with Rockingham (county).

VITAL STATISTICS OF THE UNITED STATES

TABLE 14.—MARRIAGES BY AGE OF BRIDE BY AGE OF GROOM: TOTAL OF 16 REPORTING STATES, 1949

(By place of occurrence)

AGE OF GROOM	AGE OF BRIDE														
	Total	Under 16 years	16 years	17 years	18 years	19 years	20 years	21 years	22 years	23 years	24 years	25 years	26 years	27 years	28 years
TOTAL-----	260,470	2,438	6,503	11,391	38,492	27,988	23,236	22,824	17,561	13,718	11,117	8,835	7,515	6,548	5,593
Under 16 years-----	1,687	244	440	413	366	113	51	27	16	9	1	2	2	-	-
16 years-----	5,442	374	787	1,160	1,926	676	246	129	60	26	20	10	6	3	5
19 years-----	9,631	372	990	1,535	3,119	1,964	881	367	176	94	54	29	11	14	9
20 years-----	13,634	313	861	1,625	3,707	2,975	2,078	1,049	454	223	120	83	52	26	33
21 years-----	35,209	405	1,250	2,285	12,379	6,486	4,482	3,869	1,756	928	472	281	205	128	105
22 years-----	25,759	254	757	1,446	5,508	4,461	3,771	3,640	2,455	1,311	785	454	319	181	140
23 years-----	20,859	144	428	883	3,407	3,061	2,903	2,925	2,519	1,730	1,013	600	408	271	160
24 years-----	17,932	91	307	621	2,318	2,278	2,221	2,630	2,128	1,632	1,361	762	466	343	227
25 years-----	14,982	67	188	406	1,510	1,619	1,739	1,908	1,714	1,478	1,251	857	628	421	306
26 years-----	12,441	33	128	286	1,104	1,137	1,259	1,479	1,394	1,215	1,037	907	743	513	366
27 years-----	10,867	31	84	186	813	858	957	1,154	1,123	1,070	955	800	719	611	363
28 years-----	9,376	22	69	149	635	585	687	864	903	856	801	705	675	555	504
29 years-----	7,860	20	44	86	436	451	497	651	644	678	604	568	528	524	443
30 years-----	6,536	12	35	71	315	321	320	442	500	510	491	489	442	422	408
31 years-----	5,478	11	24	53	200	195	271	378	398	362	413	367	352	356	328
32 years-----	4,924	6	23	36	143	163	195	237	296	338	318	314	311	306	330
33 years-----	4,207	4	14	23	112	115	130	220	203	247	245	245	265	278	259
34 years-----	3,859	7	16	14	94	111	117	157	163	204	237	228	229	233	230
35-39 years-----	15,409	19	37	63	261	270	304	417	479	535	607	660	725	721	776
40-44 years-----	9,856	7	10	14	71	64	102	149	139	189	193	240	245	261	328
45-49 years-----	7,243	2	4	5	30	32	39	65	46	75	92	89	110	111	140
50-54 years-----	5,411	-	1	3	15	15	12	15	24	20	28	29	42	32	55
55-59 years-----	4,102	-	1	2	5	4	4	13	15	4	6	19	17	19	26
60-64 years-----	2,900	-	2	-	-	2	3	5	6	3	2	8	5	10	7
65-69 years-----	2,144	-	-	1	4	2	1	4	2	1	-	2	3	6	5
70-74 years-----	1,103	-	-	2	1	1	1	2	-	-	1	3	1	2	-
75 years and over-----	597	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Not stated-----	1,025	-	3	3	12	11	5	6	2	1	4	5	2	1	3

AGE OF BRIDE—Continued																
	29 years	30 years	31 years	32 years	33 years	34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75 and over	Not stated
TOTAL-----	4,777	4,259	3,553	3,365	2,959	2,851	11,832	7,774	5,566	3,598	2,280	1,464	899	322	110	1,264
Under 16 years-----	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-
16 years-----	5	1	-	1	2	-	-	1	-	-	-	-	-	-	-	3
19 years-----	6	3	3	1	1	-	3	-	-	-	-	-	-	-	-	10
20 years-----	13	10	5	3	3	2	3	2	-	1	-	-	-	-	-	13
21 years-----	48	42	15	18	9	9	21	2	-	-	-	1	-	-	-	25
22 years-----	75	49	27	33	15	19	29	6	2	1	-	-	-	-	-	20
23 years-----	115	75	52	43	32	15	46	11	3	1	-	-	-	-	-	14
24 years-----	149	123	67	50	29	40	60	11	4	1	-	-	-	-	-	15
25 years-----	215	168	89	78	53	37	109	14	4	2	1	-	-	-	-	20
26 years-----	220	155	120	90	55	50	109	23	7	1	-	-	-	-	-	10
27 years-----	309	224	127	112	86	57	154	31	8	3	-	-	-	-	-	4
28 years-----	357	234	177	150	109	79	199	43	9	1	-	-	-	-	-	8
29 years-----	419	310	218	188	141	104	240	44	13	2	-	-	-	-	-	17
30 years-----	375	345	249	188	136	117	288	57	13	3	-	-	-	-	-	7
31 years-----	302	281	274	219	168	121	324	68	12	3	1	1	-	-	-	6
32 years-----	278	278	280	261	180	150	371	76	24	2	-	1	-	-	-	7
33 years-----	265	225	223	225	232	147	398	89	19	5	1	2	-	1	-	7
34 years-----	220	195	187	198	173	193	496	129	29	3	-	-	-	-	-	3
35-39 years-----	814	820	745	793	742	815	3,262	1,144	303	45	17	7	1	-	2	25
40-44 years-----	341	407	400	416	433	457	2,520	1,965	671	153	27	11	7	-	-	36
45-49 years-----	153	186	191	182	210	263	1,648	1,665	1,369	376	107	26	8	2	-	17
50-54 years-----	62	74	60	109	94	104	897	1,180	1,268	875	271	73	25	5	1	23
55-59 years-----	21	29	25	34	40	51	387	645	934	910	618	181	69	6	-	18
60-64 years-----	8	16	9	14	6	8	147	346	508	634	565	414	139	17	5	8
65-69 years-----	3	5	6	8	8	9	80	128	266	371	436	418	294	59	10	14
70-74 years-----	4	3	2	2	1	1	22	46	72	146	168	236	217	129	33	7
75 years and over-----	-	1	2	1	1	1	12	21	21	56	77	93	141	103	59	6
Not stated-----	2	-	-	-	-	-	4	5	7	3	1	-	-	-	-	941

NOTE.—States included: Connecticut, Delaware, Idaho, Iowa, Kansas, Louisiana (excluding 10 parishes), Maine, Mississippi, Montana, New Hampshire, New York (excluding marriages for which licenses had been issued in New York City), North Dakota, Oregon, South Dakota, Tennessee, and Vermont.

GENERAL TABLES—MARRIAGES

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TABLE 15.—MARRIAGES BY AGE OF BRIDE AND OF GROOM: 21 REPORTING STATES, 1949

(By place of occurrence)

AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom
TOTAL¹	433,981	433,981	DELAWARE—Continued			KANSAS—Continued		
Under 20 years	133,528	27,527	30 years	52	66	24 years	673	1,227
20-24 years	150,086	182,433	31 years	34	59	25 years	488	959
25-34 years	90,146	139,581	32 years	30	65	26 years	457	781
35-44 years	34,446	43,618	33 years	34	41	27 years	373	680
45-54 years	15,582	21,300	34 years	41	46	28 years	336	577
65-64 years	6,488	11,847	35-39 years	152	175	29 years	285	469
65 years and over	2,402	6,611	40-44 years	81	87	30 years	203	387
Not stated	1,303	1,084	45-49 years	49	90	31 years	202	311
ALABAMA	19,411	19,411	50-54 years	39	51	32 years	178	285
Under 15 years	135	-	55-59 years	17	41	33 years	170	212
15 years	401	1	60-64 years	20	31	34 years	140	224
16 years	611	10	65-69 years	14	24	35-39 years	657	838
17 years	1,004	242	70-74 years	4	14	40-44 years	436	519
18 years	3,593	593	75 years and over	-	7	45-49 years	359	415
19 years	2,198	694	Not stated	8	8	50-54 years	227	276
20-24 years	5,855	8,731	IDAHO	7,565	7,565	55-59 years	154	253
25-29 years	2,110	3,708	Under 15 years	8	-	60-64 years	118	192
30-34 years	1,039	1,653	15 years	95	1	65-69 years	67	141
35-39 years	819	1,058	16 years	351	12	70-74 years	43	82
40-44 years	552	732	17 years	464	66	75 years and over	14	55
45-49 years	369	505	18 years	1,277	243	Not stated	266	259
50-54 years	219	384	19 years	816	393	LOUISIANA²	18,205	18,205
55-59 years	131	296	20 years	555	497	Under 15 years	116	3
60-64 years	63	232	21 years	497	917	15 years	271	3
65-69 years	76	221	22 years	358	662	16 years	747	16
70-74 years	15	95	23 years	287	477	17 years	1,242	182
75 years and over	1	46	24 years	253	447	18 years	2,168	482
Not stated	11	10	25 years	362	527	19 years	2,066	882
CALIFORNIA	77,873	77,873	26 years	163	282	20 years	1,542	1,136
Under 15 years	53	-	27 years	144	257	21 years	1,501	2,037
15-19 years	20,484	4,953	28 years	141	230	22 years	1,153	1,786
20-24 years	24,988	28,515	29 years	141	192	23 years	797	1,354
25-34 years	18,065	26,698	30 years	130	181	24 years	648	1,155
35-44 years	7,612	9,239	31 years	95	175	25 years	525	950
45-54 years	3,457	4,411	32 years	96	162	26 years	412	762
55-64 years	1,527	2,604	33 years	98	142	27 years	412	705
65 years and over	700	1,535	34 years	89	128	28 years	591	591
Not stated	7	18	35-39 years	397	509	29 years	292	549
CONNECTICUT	18,841	18,841	40-44 years	274	351	30 years	254	461
13 years	1	-	45-49 years	172	235	31 years	222	370
14 years	5	-	50-54 years	125	186	32 years	219	356
15 years	19	-	55-59 years	62	107	33 years	238	288
16 years	178	3	60-64 years	61	95	34 years	165	229
17 years	413	42	65-69 years	22	56	35-39 years	874	1,106
18 years	930	152	70-74 years	7	25	40-44 years	579	777
19 years	1,320	362	75 years and over	5	16	45-49 years	404	535
20 years	1,546	683	Not stated	187	159	50-54 years	262	439
21 years	1,949	1,416	IOWA	25,515	25,515	55-59 years	157	306
22 years	1,654	1,588	Under 15 years	43	-	60-64 years	83	205
23 years	1,329	1,532	15 years	235	1	65-69 years	78	191
24 years	1,149	1,396	16 years	611	54	70-74 years	22	94
25 years	1,149	1,396	17 years	1,305	272	75 years and over	3	52
26 years	530	1,270	18 years	3,639	614	Not stated	449	307
27 years	786	1,134	19 years	5,247	1,193	MAINE	8,085	8,085
28 years	660	967	20 years	2,620	1,656	Under 15 years	16	-
29 years	618	857	21 years	2,288	3,472	15 years	95	2
30 years	489	753	22 years	1,752	2,666	16 years	309	20
31 years	452	587	23 years	1,284	2,235	17 years	599	78
32 years	358	484	24 years	1,012	1,861	18 years	1,130	240
33 years	307	409	25 years	816	1,399	19 years	900	465
34 years	299	385	26 years	694	1,204	20 years	682	854
35-39 years	1,087	1,390	27 years	571	1,023	21 years	654	916
40-44 years	639	878	28 years	495	694	22 years	558	785
45-49 years	444	593	29 years	402	690	23 years	428	668
50-54 years	299	454	30 years	358	609	24 years	328	571
55-59 years	172	311	31 years	302	505	25 years	285	462
60-64 years	85	202	32 years	270	364	26 years	220	324
65-69 years	36	110	33 years	233	362	27 years	189	332
70-74 years	10	56	34 years	231	329	28 years	145	263
75 years and over	4	19	35-39 years	998	1,244	29 years	131	250
Not stated	-	-	40-44 years	684	803	30 years	125	174
DELAWARE	2,597	2,597	45-49 years	483	585	31 years	102	174
Under 15 years	1	-	50-54 years	296	471	32 years	83	150
15 years	8	-	55-59 years	222	327	33 years	65	124
16 years	51	1	60-64 years	115	254	34 years	70	110
17 years	79	8	65-69 years	93	161	35-39 years	325	424
18 years	253	42	70-74 years	29	86	40-44 years	233	290
19 years	235	97	75 years and over	41	41	45-49 years	158	207
20 years	246	140	Not stated	158	120	50-54 years	106	143
21 years	249	277	KANSAS	17,538	17,538	55-59 years	78	103
22 years	180	221	Under 15 years	23	-	60-64 years	36	84
23 years	164	208	15 years	137	2	65-69 years	26	51
24 years	135	182	16 years	560	17	70-74 years	9	34
25 years	104	180	17 years	1,046	105	75 years and over	6	17
26 years	89	145	18 years	2,864	540	Not stated	-	-
27 years	89	107	19 years	2,081	871	MASSACHUSETTS	39,639	39,639
28 years	53	107	20 years	1,685	1,143	Under 20 years	7,721	1,608
29 years	53	92	21 years	1,406	2,481	20-24 years	16,664	15,988
			22 years	1,071	2,816	25-29 years	7,080	10,644
			23 years	811	1,431	30-34 years	3,211	4,562
						35-39 years	1,810	2,388
						40-44 years	1,140	1,302
						45-49 years	724	950

¹Excludes New Jersey, shown below, for which comparable age groups are not available.

VITAL STATISTICS OF THE UNITED STATES

TABLE 15.—MARRIAGES BY AGE OF BRIDE AND OF GROOM: 21 REPORTING STATES, 1949—Continued

(By place of occurrence)

AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom
MASSACHUSETTS—Continued			NEW HAMPSHIRE—Continued			OREGON—Continued		
50-54 years	513	726	34 years	107	174	18 years	1,416	202
55-59 years	364	597	35-39 years	461	569	19 years	1,193	551
60-64 years	233	398	40-44 years	299	401	20 years	1,020	730
65-69 years	124	259	45-49 years	214	278	21 years	827	1,259
70-74 years	41	152	50-54 years	116	177	22 years	678	1,057
75 years and over	14	65	55-59 years	89	124	23 years	519	867
Not stated	-	-	60-64 years	46	83	24 years	406	741
MISSISSIPPI			65-69 years	24	52	25 years	315	615
52,765	52,765		70-74 years	11	34	26 years	290	475
Under 15 years	237	2	75 years and over	7	23	27 years	233	394
15 years	500	10	Not stated	-	-	28 years	223	397
16 years	1,144	58	NEW JERSEY ³			29 years	174	295
17 years	1,476	268	44,469	44,469	30 years	154	227	
18 years	13,591	1,050	Under 20 years	7,876	1,418	31 years	145	215
19 years	5,837	1,488	20-24 years	18,128	16,352	32 years	139	172
20 years	3,719	1,555	25-29 years	7,976	11,808	33 years	133	193
21 years	3,485	11,784	30-34 years	3,956	5,395	34 years	126	136
22 years	2,572	4,867	35-39 years	2,457	3,191	35-39 years	487	617
23 years	2,094	3,583	40-44 years	1,560	2,053	40-44 years	518	406
24 years	1,715	2,811	45-49 years	1,049	1,420	45-49 years	268	282
25 years	1,437	2,336	50-59 years	1,104	1,849	50-54 years	196	289
26 years	1,263	2,086	60-69 years	321	796	55-59 years	148	197
27 years	1,065	1,837	70 years and over	42	187	60-64 years	110	154
28 years	1,037	1,661	NEW YORK ⁴			65-69 years	60	108
29 years	909	1,400	54,748	54,748	70-74 years	24	54	
30 years	911	1,255	Under 15 years	19	-	75 years and over	9	42
31 years	582	887	15 years	142	-	Not stated	15	12
32 years	706	956	16 years	996	44	SOUTH DAKOTA		
33 years	601	809	17 years	1,992	203	6,519	6,519	
34 years	600	755	18 years	5,244	781	Under 15 years	2	-
35-39 years	2,728	3,592	19 years	5,574	1,685	15 years	32	1
40-44 years	1,775	2,296	20 years	5,603	2,796	16 years	187	1
45-49 years	1,267	1,797	21 years	5,658	5,684	17 years	329	11
50-54 years	689	1,241	22 years	4,582	5,675	18 years	996	150
55-59 years	579	901	23 years	3,681	4,942	19 years	619	217
60-64 years	193	542	24 years	2,857	4,517	20 years	683	362
65-69 years	152	526	25 years	2,255	3,873	21 years	598	865
70-74 years	91	284	26 years	1,865	3,075	22 years	487	674
75 years and over	15	131	27 years	1,522	2,695	23 years	341	574
Not stated	50	17	28 years	1,286	2,131	24 years	251	528
MONTANA			29 years	1,057	1,837	25 years	205	409
6,981	6,981		30 years	918	1,446	26 years	173	375
Under 15 years	3	-	31 years	788	1,284	27 years	169	276
15 years	11	-	32 years	721	1,130	28 years	132	250
16 years	204	1	33 years	633	882	29 years	104	165
17 years	371	4	34 years	604	796	30 years	92	192
18 years	985	157	35-39 years	2,171	2,819	31 years	70	146
19 years	762	206	40-44 years	1,429	1,725	32 years	70	103
20 years	598	298	45-49 years	1,080	1,535	33 years	66	107
21 years	517	856	50-54 years	801	1,055	34 years	49	89
22 years	404	622	55-59 years	577	915	35-39 years	222	348
23 years	330	533	60-64 years	402	687	40-44 years	150	207
24 years	277	449	65-69 years	208	431	45-49 years	86	123
25 years	235	368	70-74 years	79	235	50-54 years	61	99
26 years	169	362	75 years and over	26	100	55-59 years	39	67
27 years	179	284	Not stated	-	-	60-64 years	32	56
28 years	151	265	NORTH DAKOTA			65-69 years	13	31
29 years	144	229	4,828	4,828	70-74 years	6	12	
30 years	127	192	Under 15 years	-	-	75 years and over	1	8
31 years	124	185	15 years	32	-	Not stated	82	75
32 years	106	156	16 years	107	-	TENNESSEE		
33 years	85	109	17 years	298	7	15,024	15,024	
34 years	87	132	18 years	695	81	Under 15 years	49	-
35-39 years	355	486	19 years	656	183	15 years	151	-
40-44 years	245	335	20 years	636	300	16 years	514	20
45-49 years	184	205	21 years	464	589	17 years	759	111
50-54 years	104	148	22 years	380	578	18 years	1,856	498
55-59 years	77	121	23 years	279	484	19 years	1,425	717
60-64 years	48	93	24 years	235	406	20 years	1,173	896
65-69 years	28	65	25 years	131	351	21 years	1,822	1,519
70-74 years	8	25	26 years	115	273	22 years	1,063	1,794
75 years and over	4	17	27 years	88	240	23 years	819	1,169
Not stated	71	61	28 years	70	192	24 years	637	855
NEW HAMPSHIRE			29 years	63	162	25 years	536	848
7,428	7,428		30 years	69	111	26 years	428	679
Under 15 years	8	-	31 years	52	96	27 years	340	656
15 years	21	-	32 years	37	99	28 years	291	549
16 years	96	4	33 years	44	74	29 years	282	442
17 years	176	33	34 years	32	61	30 years	239	375
18 years	903	63	35-39 years	107	216	31 years	211	277
19 years	719	176	40-44 years	86	117	32 years	168	267
20 years	626	570	45-49 years	49	68	33 years	144	246
21 years	601	770	50-54 years	32	46	34 years	167	197
22 years	456	633	55-59 years	17	30	35-39 years	649	895
23 years	389	541	60-64 years	15	33	40-44 years	444	536
24 years	386	452	65-69 years	7	20	45-49 years	288	393
25 years	280	392	70-74 years	3	4	50-54 years	205	276
26 years	271	334	75 years and over	-	6	55-59 years	120	249
27 years	232	291	Not stated	11	3	60-64 years	77	166
28 years	191	293	OREGON			65-69 years	55	147
29 years	182	237	10,746	10,746	70-74 years	13	94	
30 years	155	193	Under 15 years	-	-	75 years and over	4	53
31 years	143	203	15 years	131	-	Not stated	5	1
32 years	145	167	16 years	362	-			
33 years	120	161	17 years	645	6			

³Not included in total.⁴Excludes 79,367 marriage for which licenses had been issued in New York City.

GENERAL TABLES—MARRIAGES

TABLE 15.—MARRIAGES BY AGE OF BRIDE AND OF GROOM: 21 REPORTING STATES, 1949—Continued

(By place of occurrence)

AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom	AREA AND AGE	Bride	Groom
VERMONT-----	3,395	3,365	VERMONT—Continued			VIRGINIA—Continued		
Under 15 years-----	3	-	50-54 years-----	36	60	60-64 years-----	119	303
15 years-----	27	-	55-59 years-----	32	50	65-69 years-----	66	206
16 years-----	138	7	60-64 years-----	21	34	70-74 years-----	10	107
17 years-----	200	38	65-69 years-----	15	30	75 years and over-----	6	37
18 years-----	403	77	70-74 years-----	11	20	Not stated-----	-	11
19 years-----	323	145	75 years and over-----	2	10			
20 years-----	316	230	Not stated-----	2	1			
21 years-----	288	380				WYOMING-----	3,414	3,414
22 years-----	233	348	VIRGINIA-----	33,174	33,174	15-19 years-----	1,078	260
23 years-----	196	253				20-24 years-----	1,092	1,354
24 years-----	157	256	Under 15 years-----	65	-	25-29 years-----	422	704
25 years-----	99	209	15 years-----	168	-	30-34 years-----	280	549
26 years-----	111	152	16 years-----	1,385	152	35-39 years-----	203	263
27 years-----	84	145	17 years-----	2,005	-	40-44 years-----	152	159
28 years-----	67	129	18 years-----	3,167	795	45-49 years-----	72	116
29 years-----	89	100	19 years-----	2,460	1,279	50-54 years-----	60	70
30 years-----	53	80	20-24 years-----	13,031	14,452	55-59 years-----	40	55
31 years-----	41	64	25-29 years-----	4,550	7,410	60-64 years-----	16	38
32 years-----	37	49	30-34 years-----	2,327	3,324	65-69 years-----	13	26
33 years-----	34	48	35-39 years-----	1,606	2,012	70-74 years-----	4	10
34 years-----	34	57	40-44 years-----	966	1,200	75 years and over-----	1	8
35-39 years-----	162	181	45-49 years-----	652	844	Not stated-----	1	2
40-44 years-----	103	138	50-54 years-----	372	422			
45-49 years-----	82	94	55-59 years-----	221	422			

TABLE 16.—MARRIAGES BY MONTH: 26 REPORTING STATES, 1949

(By place of occurrence)

AREA	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Not stated
TOTAL-----	652,806	45,497	45,072	36,620	52,001	54,032	79,727	56,198	57,603	64,090	59,469	51,861	50,472	14
Alabama-----	19,411	1,491	1,378	1,291	1,447	1,272	1,926	1,496	1,554	1,752	1,685	1,615	2,504	-
California-----	77,873	5,644	6,000	4,810	6,182	5,858	9,686	7,184	7,280	7,231	5,960	5,826	6,139	3
Connecticut-----	18,541	1,283	1,283	642	1,809	1,771	2,438	1,784	1,392	2,083	1,947	1,575	966	-
Delaware-----	2,597	159	235	150	222	226	324	184	175	278	253	200	192	-
Florida-----	22,039	1,577	1,665	1,664	1,880	1,469	2,384	1,685	1,595	1,908	1,870	1,892	2,440	-
Idaho-----	7,565	414	401	462	538	562	990	699	755	748	694	649	682	11
Iowa-----	25,515	1,621	1,896	1,447	1,781	1,968	3,626	1,946	2,473	2,562	2,200	2,109	1,866	-
Kansas-----	17,838	1,132	1,067	976	1,255	1,613	2,266	1,396	1,893	1,663	1,512	1,392	1,373	-
Louisiana ¹ -----	18,205	1,373	1,494	1,228	1,574	1,347	1,751	1,514	1,424	1,327	1,555	1,547	1,871	-
Maine-----	8,085	449	373	354	554	634	1,092	881	765	851	898	715	530	-
Massachusetts-----	39,639	2,424	2,643	1,789	3,275	3,451	5,512	4,052	2,974	4,754	4,236	3,227	1,924	-
Michigan-----	53,109	3,530	3,634	2,492	3,940	4,754	7,157	4,962	5,243	5,418	5,356	3,921	2,702	-
Mississippi-----	52,785	4,832	3,942	4,071	4,407	3,928	4,097	4,343	4,110	4,120	4,537	4,576	6,302	-
Montana-----	6,981	429	364	413	480	520	975	668	694	753	579	554	552	-
Nebraska-----	12,743	752	864	703	894	1,108	1,951	904	1,382	1,172	1,100	1,006	907	-
New Hampshire-----	7,428	442	497	344	582	628	795	829	674	809	686	650	502	-
New Jersey-----	44,469	3,071	3,319	1,895	3,889	3,969	5,924	3,656	2,856	5,006	4,478	3,660	2,566	-
New York-----	134,115	9,651	8,729	7,595	11,088	12,948	16,268	10,542	12,786	13,333	12,314	10,270	8,591	-
North Dakota-----	4,828	223	216	179	227	265	908	353	402	566	660	521	308	-
Oregon-----	10,746	635	672	586	717	804	1,478	1,021	1,129	1,216	802	818	867	-
Rhode Island-----	7,096	441	458	183	578	742	935	711	499	872	795	579	305	-
South Dakota-----	6,513	345	430	356	377	468	1,064	477	630	700	623	538	511	-
Tennessee-----	15,024	973	882	898	1,099	974	1,700	1,300	1,327	1,464	1,322	1,220	1,865	-
Vermont-----	3,385	201	215	129	238	278	432	349	336	371	330	286	238	-
Virginia-----	33,174	2,359	2,355	2,211	3,041	2,261	3,622	2,966	2,796	2,766	2,819	2,547	3,411	-
Wyoming-----	3,414	180	170	232	249	274	435	286	347	347	278	298	318	-

¹Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, and Webster; estimated total for State, 26,000 marriages.

VITAL STATISTICS OF THE UNITED STATES

TABLE 17.—FIRST MARRIAGES AND REMARRIAGES, BY AGE OF BRIDE AND OF GROOM: 16 REPORTING STATES, 1949

(By place of occurrence)

AREA AND MARITAL STATUS	Total	Under 15 years	BRIDE													Not stated
			15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75 years and over	
TOTAL ¹ -----	238,428	355	71,538	87,546	31,712	15,699	10,595	6,856	4,877	3,270	2,100	1,365	813	280	99	1,295
First marriage-----	181,461	304	66,917	77,248	21,644	7,651	3,880	1,736	937	449	209	107	55	16	3	325
Remarriage-----	48,524	-	1,148	7,283	9,289	7,742	6,504	5,005	3,862	2,773	1,871	1,253	744	270	96	674
Not stated-----	8,443	51	3,473	3,015	779	326	211	115	76	48	20	15	14	4	-	294
California-----	77,875	53	20,484	24,988	19,065	-	7,612	-	3,437	-	1,527	-	-	700	-	7
First marriage-----	54,305	52	20,047	21,699	10,179	-	1,762	-	412	-	118	-	-	35	-	2
Remarriage-----	23,566	1	437	3,288	8,886	-	5,850	-	3,025	-	1,409	-	-	685	-	5
Not stated-----	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Connecticut-----	18,541	6	2,838	7,597	3,483	1,841	1,087	639	444	299	172	85	56	10	4	-
First marriage-----	14,861	6	2,822	7,258	2,779	1,102	499	202	105	52	18	13	6	2	-	-
Remarriage-----	3,680	-	16	339	704	739	588	437	341	247	154	72	31	8	4	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware-----	2,597	1	625	974	397	216	152	81	49	39	17	20	14	4	-	8
First marriage-----	2,113	1	623	924	309	124	76	33	3	10	1	2	1	-	-	6
Remarriage-----	484	-	2	50	88	92	76	48	46	29	16	18	13	4	-	2
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho-----	7,565	8	2,981	1,950	806	508	397	274	172	125	62	61	22	7	5	187
First marriage-----	4,923	8	2,848	1,465	336	105	69	29	12	4	2	4	-	-	-	41
Remarriage-----	2,633	-	132	484	470	405	328	245	160	121	60	57	21	6	5	141
Not stated-----	9	-	1	1	-	-	-	-	-	-	-	-	1	1	-	5
Iowa-----	25,515	43	9,095	9,956	2,978	1,374	998	684	485	296	222	115	83	29	11	138
First marriage-----	20,273	43	8,790	8,015	2,006	649	343	164	118	45	31	7	5	1	-	56
Remarriage-----	4,874	-	139	795	942	718	648	516	361	249	190	108	89	28	11	81
Not stated-----	368	-	166	146	30	7	7	4	4	2	1	-	-	-	-	1
Kansas-----	17,538	23	6,698	5,644	1,938	893	657	436	359	227	154	118	67	43	14	266
First marriage-----	15,287	23	6,497	4,833	1,142	355	163	99	49	19	19	7	1	-	-	61
Remarriage-----	4,128	-	181	783	780	529	493	334	304	199	130	104	62	43	14	180
Not stated-----	123	-	20	26	17	9	11	3	7	9	5	7	4	-	-	5
Louisiana ² -----	18,205	116	5,494	5,641	1,986	1,077	874	578	404	262	137	83	79	22	3	449
First marriage-----	5,989	65	3,088	1,982	438	146	105	50	35	14	9	5	1	1	-	50
Remarriage-----	4,383	-	152	848	828	633	578	428	307	216	115	71	70	18	3	118
Not stated-----	7,833	51	3,254	2,811	720	298	191	102	62	32	13	7	8	3	-	281
Maine-----	8,085	16	3,033	2,650	968	441	325	233	158	106	78	36	26	9	6	-
First marriage-----	6,570	16	2,966	2,457	625	203	171	50	29	6	2	2	2	2	2	-
Remarriage-----	1,515	-	47	195	343	238	154	183	130	66	72	34	24	7	4	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	39,639	7,721	16,654	7,080	3,211	1,810	1,140	724	513	364	233	124	41	14	-	-
First marriage-----	34,086	7,679	16,147	6,088	2,213	990	500	230	114	75	33	14	4	1	-	-
Remarriage-----	5,553	42	517	894	898	620	640	494	399	289	200	110	37	13	-	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska-----	12,743	-	3,841	4,980	1,569	745	509	325	240	163	94	79	50	21	4	143
First marriage-----	9,920	-	3,774	4,449	990	323	168	75	42	20	12	8	1	1	-	57
Remarriage-----	2,823	-	67	511	579	422	341	250	139	143	82	71	49	20	4	86
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire-----	7,428	8	1,915	2,438	1,156	670	461	299	214	118	59	48	24	11	7	-
First marriage-----	5,361	8	1,891	2,163	704	286	162	64	49	17	8	5	3	1	-	-
Remarriage-----	2,067	-	24	275	452	384	239	235	165	101	51	43	21	10	7	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York ³ -----	54,748	18	13,948	22,381	7,985	3,664	2,171	1,429	1,060	801	577	402	208	79	25	-
First marriage-----	46,521	18	13,860	21,537	6,646	2,328	1,055	509	276	165	82	39	21	5	-	-
Remarriage-----	8,227	-	88	844	1,339	1,336	1,116	920	784	636	515	363	187	74	25	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oregon-----	10,746	-	3,749	3,450	1,235	677	487	318	268	196	148	110	60	24	9	15
First marriage-----	7,885	-	3,677	3,021	725	239	114	44	37	14	9	6	2	1	-	6
Remarriage-----	2,834	-	72	429	510	434	371	271	230	179	139	103	58	23	9	8
Not stated-----	17	-	-	1	-	4	2	3	1	4	-	1	-	-	-	1
South Dakota-----	6,518	2	2,333	2,360	783	347	222	150	86	61	39	32	13	8	1	82
First marriage-----	5,243	2	2,282	2,117	529	153	72	35	12	10	3	3	-	-	-	25
Remarriage-----	1,270	-	50	240	254	194	150	115	73	51	36	29	13	8	1	56
Not stated-----	6	-	1	3	-	-	-	-	1	-	-	-	-	-	-	1
Tennessee-----	15,024	49	4,805	5,514	1,877	919	649	444	288	205	120	77	55	13	4	5
First marriage-----	11,735	49	4,663	4,925	1,229	439	254	95	60	19	7	3	7	2	-	3
Remarriage-----	3,203	-	111	562	636	473	415	346	225	185	112	74	47	11	4	2
Not stated-----	86	-	31	27	12	7	-	3	3	1	1	-	1	-	-	-
Virginia-----	33,174	65	9,183	13,031	4,550	2,327	1,606	986	652	372	221	119	66	10	6	-
First marriage-----	26,770	65	9,115	12,102	3,186	1,179	649	287	114	40	22	3	6	-	1	-
Remarriage-----	6,403	-	67	929	1,364	1,147	957	679	538	332	193	116	60	10	5	-
Not stated-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-

¹Excludes figures for California and Massachusetts.²Excludes 10 parishes: Beauregard, Bienville, Calcasieu, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, Webster; estimated total for State, 26,000 marriages.³Excludes marriages for which licenses had been issued in New York City; total for State, 134,115 marriages.

GENERAL TABLES—MARRIAGES

TABLE 17.—FIRST MARRIAGES AND REMARRIAGES, BY AGE OF BRIDE AND OF GROOM: 16 REPORTING STATES, 1949—Continued

(By place of occurrence)

AREA AND MARITAL STATUS	Total	GROOM														Not stated
		Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75 years and over	
TOTAL¹	238,428	4	15,985	102,405	52,879	23,364	15,620	8,606	6,203	4,781	3,597	2,613	1,613	968	508	1,082
First marriage	132,988	2	15,163	85,015	43,867	15,475	6,552	3,138	1,683	924	490	236	112	41	15	275
Remarriage	47,166	1	52	3,290	7,264	7,862	6,764	5,291	4,415	3,781	3,072	2,348	1,674	916	487	549
Not stated	8,274	1	770	4,100	1,748	827	304	177	105	76	35	29	27	11	6	258
California	77,873	-	4,953	28,515	26,696	-	9,239	-	4,411	-	2,504	-	-	1,535	-	18
First marriage	56,353	-	4,938	27,200	19,850	-	5,264	-	929	-	297	-	-	72	-	13
Remarriage	21,513	-	15	1,315	7,046	-	5,974	-	3,480	-	2,215	-	-	1,463	-	5
Not stated	7	-	-	2	-	-	1	-	2	-	2	-	-	-	-	-
Connecticut	18,541	-	559	6,612	4,961	2,376	1,390	878	593	454	311	202	110	56	19	-
First marriage	14,538	-	559	6,469	4,461	1,712	691	314	172	83	43	21	10	3	-	-
Remarriage	4,003	-	-	143	520	664	699	564	421	371	268	181	100	53	19	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	2,597	-	148	1,026	611	284	175	87	90	51	41	31	24	14	7	8
First marriage	2,125	-	148	1,015	538	223	91	38	40	11	10	4	-	-	1	6
Remarriage	472	-	-	11	73	61	84	49	50	40	31	27	24	14	6	2
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	7,565	1	714	3,000	1,323	789	509	351	235	186	107	95	56	25	16	159
First marriage	5,224	1	708	2,805	944	372	169	79	55	30	9	9	3	-	-	42
Remarriage	2,339	-	8	195	376	416	340	272	180	156	98	86	53	24	16	117
Not stated	2	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Iowa	25,515	-	2,134	11,890	5,210	2,189	1,244	805	585	471	327	254	161	86	41	120
First marriage	20,619	-	2,096	11,312	4,864	1,467	597	329	180	108	53	27	15	7	5	39
Remarriage	4,808	-	8	407	793	690	635	472	403	363	272	225	146	79	56	79
Not stated	288	-	30	171	53	12	12	2	2	-	2	2	-	-	-	2
Kansas	17,538	-	1,535	8,108	3,446	1,419	838	519	415	276	233	192	141	82	55	259
First marriage	13,526	-	1,531	7,673	2,757	823	320	165	76	37	32	15	9	3	-	85
Remarriage	3,920	-	4	417	673	595	511	346	334	234	217	171	128	75	54	169
Not stated	92	-	-	18	16	11	7	6	5	5	4	6	4	4	1	5
Louisiana²	18,205	3	1,525	7,448	3,555	1,664	1,106	777	533	439	306	205	191	94	52	307
First marriage	6,000	1	782	3,214	1,190	417	179	104	49	24	14	12	4	1	-	9
Remarriage	4,425	1	9	362	707	655	649	509	393	348	263	176	169	88	47	49
Not stated	7,780	1	734	3,872	1,659	592	278	164	91	67	29	17	18	5	5	249
Maine	8,085	-	805	3,594	1,611	732	424	280	207	143	103	84	51	34	17	-
First marriage	6,391	-	801	3,456	1,335	465	165	70	59	27	4	5	2	2	-	-
Remarriage	1,694	-	4	138	276	267	259	210	149	116	99	79	49	32	17	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	59,839	-	1,608	15,988	10,644	4,562	2,388	1,302	950	726	597	398	259	152	65	-
First marriage	33,982	-	1,608	15,815	9,991	3,652	1,541	638	387	182	104	49	24	11	2	-
Remarriage	5,657	-	2	173	653	910	647	664	585	544	493	349	235	141	63	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	12,743	-	825	5,750	2,744	1,210	674	436	280	225	175	111	104	41	27	141
First marriage	10,149	-	824	5,528	2,326	785	339	132	66	42	32	7	7	1	59	
Remarriage	2,594	-	1	222	418	425	335	304	214	183	143	104	97	40	26	82
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	7,428	-	276	2,966	1,547	898	569	401	278	177	124	83	52	34	23	-
First marriage	5,446	-	275	2,878	1,262	538	252	127	52	36	10	10	1	3	-	-
Remarriage	1,982	-	1	88	285	360	317	274	226	139	114	73	51	31	23	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York³	54,748	-	2,713	23,814	15,611	5,538	2,619	1,725	1,355	1,055	815	657	431	235	100	-
First marriage	46,858	-	2,709	23,262	12,591	4,418	1,851	920	531	304	166	61	32	11	2	-
Remarriage	7,890	-	4	352	1,020	1,120	968	805	804	751	749	596	399	224	98	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oregon	10,746	-	639	4,633	2,180	943	617	406	292	289	197	154	108	54	42	12
First marriage	8,098	-	635	4,420	1,754	546	226	144	47	57	28	17	14	1	3	6
Remarriage	2,627	-	4	211	405	395	368	261	243	229	169	135	91	52	39	5
Not stated	21	-	-	2	1	2	3	1	2	3	-	2	3	1	1	1
South Dakota	6,519	-	360	3,001	1,485	637	348	207	123	99	87	56	31	12	8	75
First marriage	5,441	-	360	2,896	1,316	469	205	90	36	16	10	12	3	-	-	28
Remarriage	1,075	-	-	104	179	167	143	117	87	83	57	44	28	12	8	46
Not stated	3	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1
Tennessee	15,024	-	1,348	6,311	3,175	1,362	885	536	393	276	249	188	147	94	53	1
First marriage	11,645	-	1,333	5,986	2,611	885	400	159	77	33	29	11	5	4	1	1
Remarriage	3,392	-	7	290	545	488	491	373	311	242	220	173	140	90	52	-
Not stated	87	-	6	35	19	9	4	4	5	1	-	2	2	-	-	-
Virginia	33,174	-	2,206	14,452	7,410	3,324	2,012	1,200	844	640	422	303	206	107	48	-
First marriage	27,028	-	2,204	14,091	6,418	2,335	1,067	467	243	114	50	25	7	5	2	-
Remarriage	6,145	-	2	360	992	989	945	733	601	526	372	278	199	102	46	-
Not stated	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-

¹Excludes figures for California and Massachusetts.

²Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, Webster; estimated total for State, 25,000 marriages.

³Excludes marriages for which licenses had been issued in New York City; total for State, 134,115 marriages.

VITAL STATISTICS OF THE UNITED STATES

TABLE 18.—MARRIAGES BY AGE AND RACE OF BRIDE AND GROOM: 16 REPORTING STATES, 1949

(By place of occurrence)

AREA AND RACE	Total	Under 15 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years	75 years and over	Not stated
TOTAL ¹	296,724	728	97,097	102,364	37,942	19,311	13,595	8,818	6,241	3,959	2,455	1,540	993	325	107	1,259
White	249,196	475	80,075	89,331	32,197	15,898	10,711	6,964	4,891	3,189	2,031	1,322	785	277	95	970
Nonwhite	47,459	253	16,998	13,017	5,742	3,410	2,878	1,852	1,350	771	423	217	199	48	12	279
Not stated	69	-	24	16	3	3	8	2	2	1	1	1	1	-	-	10
Alabama	19,411	135	7,997	5,855	2,110	1,056	819	552	369	219	131	83	76	15	1	11
White	12,513	89	5,207	3,949	1,362	628	482	314	195	112	74	45	43	5	1	7
Nonwhite	6,898	46	2,790	1,906	748	410	337	238	174	107	57	38	33	10	4	4
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
California	77,875	58	20,484	24,988	19,065	7,612	7,612	3,437	3,437	1,527	1,527	700	700	700	700	7
White	72,762	45	19,496	23,288	17,424	7,059	7,059	3,273	3,273	1,481	1,481	690	690	690	690	6
Nonwhite	5,097	8	984	1,699	1,640	551	551	158	158	46	46	10	10	10	10	6
Not stated	14	4	4	1	1	2	2	5	5	10	10	10	10	10	10	1
Connecticut	18,541	6	2,858	7,597	3,483	1,841	1,087	659	444	289	172	85	56	10	4	-
White	17,784	4	2,671	7,386	3,358	1,753	1,023	601	420	284	171	84	55	10	4	-
Nonwhite	757	2	187	211	145	88	84	58	24	15	1	1	1	-	-	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delaware	2,597	1	625	974	397	216	152	81	49	39	17	20	14	4	-	8
White	2,106	-	512	808	323	188	113	61	36	33	13	19	13	4	-	5
Nonwhite	489	1	113	166	74	48	39	20	13	6	4	1	1	-	-	3
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Idaho	7,565	8	2,981	1,950	806	508	397	274	172	125	62	61	22	7	5	187
White	7,502	8	2,968	1,936	790	502	393	273	171	125	60	61	21	7	5	182
Nonwhite	57	-	12	14	16	6	4	1	1	1	2	-	-	-	-	-
Not stated	6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	5
Iowa	25,515	43	9,095	8,956	2,978	1,374	998	684	485	296	222	115	93	29	11	158
White	25,135	39	8,966	8,867	2,921	1,334	964	671	469	290	219	112	91	28	11	133
Nonwhite	326	4	87	75	54	38	30	12	12	6	3	2	2	1	1	1
Not stated	54	-	22	14	3	2	4	1	2	1	1	1	1	-	-	4
Kansas	17,538	23	6,698	5,644	1,939	893	657	436	359	227	154	118	67	43	14	266
White	16,663	20	6,419	5,403	1,831	823	602	402	332	206	135	114	63	41	14	258
Nonwhite	873	3	279	241	108	69	55	34	27	21	18	4	4	2	-	8
Not stated	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Louisiana ²	18,205	116	6,494	5,641	1,986	1,077	874	578	404	262	137	85	79	22	3	449
White	12,337	73	4,469	4,061	1,348	705	517	347	242	169	77	56	37	12	-	224
Nonwhite	5,866	43	2,024	1,580	638	372	356	231	162	93	60	27	42	10	3	225
Not stated	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Maine	8,085	16	3,033	2,650	968	441	325	233	158	106	78	36	28	9	6	-
White	8,062	15	3,025	2,642	967	440	324	230	158	106	78	36	28	9	6	-
Nonwhite	23	1	8	8	1	1	1	3	-	-	-	-	-	-	-	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mississippi	52,765	237	22,548	13,583	5,709	3,399	2,728	1,775	1,267	699	378	193	152	41	15	50
White	32,191	144	14,624	8,450	3,339	1,910	1,432	915	618	341	205	102	64	21	9	17
Nonwhite	20,574	93	7,924	5,133	2,370	1,489	1,296	860	649	348	174	91	88	20	6	33
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nebraska	12,743	-	3,841	4,960	1,569	745	509	325	240	163	94	79	50	21	4	143
White	12,420	-	3,763	4,870	1,522	715	484	308	225	158	88	76	47	21	4	139
Nonwhite	323	-	78	90	47	30	25	17	15	5	6	3	3	-	-	4
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New Hampshire	7,428	8	1,915	2,438	1,156	670	461	299	214	118	59	48	24	11	7	-
White	7,398	8	1,912	2,428	1,149	668	457	297	212	118	59	48	24	11	7	-
Nonwhite	30	-	3	10	7	2	4	2	2	-	-	-	-	-	-	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
New York ³	54,748	18	13,948	22,361	7,985	3,664	2,171	1,429	1,060	601	577	402	208	79	25	-
White	53,122	18	13,515	21,876	7,695	3,510	2,077	1,369	1,012	775	568	397	207	78	25	-
Nonwhite	1,626	-	433	505	290	154	94	60	48	26	9	5	1	1	-	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tennessee	15,024	49	4,805	5,514	1,877	919	649	444	288	205	120	77	55	13	4	5
White	13,149	38	4,277	4,979	1,615	765	503	343	238	161	97	67	48	10	4	3
Nonwhite	1,870	11	528	535	262	154	145	100	50	44	23	10	6	3	1	1
Not stated	5	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Vermont	3,585	3	1,096	1,190	429	199	162	103	82	58	32	21	15	11	2	2
White	3,375	3	1,096	1,189	427	198	161	102	78	58	32	21	15	11	2	2
Nonwhite	10	-	-	1	2	1	1	1	4	-	-	-	-	-	-	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	33,174	65	9,183	13,031	4,550	2,327	1,606	966	652	372	221	119	66	10	6	-
White	25,437	14	6,631	10,467	3,570	1,779	1,179	751	475	272	155	84	48	9	3	-
Nonwhite	7,737	51	2,552	2,564	980	548	427	235	177	100	66	35	18	1	3	-
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹Excludes figures for California.

²Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Verallion, Webster; estimated total for State, 26,000 marriages.

³Excludes marriages for which licenses had been issued in New York City; total for State, 154,115 marriages.

GENERAL TABLES—MARRIAGES

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TABLE 18.—MARRIAGES BY AGE AND RACE OF BRIDE AND GROOM: 16 REPORTING STATES, 1949—Continued

(By place of occurrence)

AREA AND RACE	Total	Under 15 years	GROOM													75 years and over	Not stated
			15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70-74 years			
TOTAL¹	296,724	5	19,688	129,579	62,987	28,397	17,486	11,159	8,184	6,078	4,580	3,211	2,451	1,251	645	1,023	
White	249,177	2	16,219	111,095	54,085	23,628	13,862	8,649	6,255	4,758	3,526	2,561	1,818	985	481	855	
Nonwhite	47,513	3	3,467	18,468	8,899	4,567	3,621	2,309	1,929	1,340	1,053	650	631	266	163	187	
Not stated	34	-	2	18	3	2	3	1	-	-	1	-	2	-	1	1	
Alabama	19,411	-	1,740	8,731	3,708	1,653	1,058	732	505	384	296	232	221	95	46	10	
White	12,513	-	1,182	5,800	2,517	1,053	585	428	270	204	151	121	115	50	19	8	
Nonwhite	6,898	-	558	2,931	1,191	600	463	304	235	180	145	111	106	45	27	2	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
California	77,873	-	4,953	28,515	26,696	28,397	17,486	11,159	8,184	6,078	4,580	3,211	2,451	1,251	645	1,023	
White	72,409	-	4,761	26,985	24,407	28,397	17,486	11,159	8,184	6,078	4,580	3,211	2,451	1,251	645	1,023	
Nonwhite	5,450	-	191	1,529	2,281	946	600	304	335	235	105	51	51	27	2	2	
Not stated	14	-	1	1	-	3	-	2	2	2	2	1	1	-	4	4	
Connecticut	18,541	-	559	6,612	4,981	2,376	1,380	878	593	454	311	202	110	56	19	-	
White	17,777	-	522	6,378	4,764	2,278	1,322	831	570	437	301	195	107	54	18	-	
Nonwhite	764	-	37	234	217	98	68	47	23	17	10	7	3	2	1	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Delaware	2,897	-	148	1,028	611	284	175	87	90	51	41	31	24	14	7	8	
White	2,109	-	123	847	512	227	134	64	63	38	32	26	22	12	5	3	
Nonwhite	498	-	25	179	99	57	41	23	27	13	9	5	2	2	1	5	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Idaho	7,565	-	715	3,000	1,323	788	509	351	235	186	107	95	56	25	16	159	
White	7,507	-	711	2,985	1,303	781	507	347	234	186	106	95	55	24	15	159	
Nonwhite	58	-	4	15	20	7	2	4	1	-	1	-	1	1	1	1	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Iowa	25,515	-	2,134	11,890	5,210	2,189	1,244	803	585	471	327	254	151	86	41	120	
White	25,139	-	2,115	11,770	5,140	2,134	1,215	780	568	459	315	245	156	85	39	118	
Nonwhite	349	-	18	104	67	55	28	22	17	12	11	9	5	1	1	1	
Not stated	27	-	1	16	3	-	3	1	-	-	1	-	-	-	1	1	
Kansas	17,538	-	1,535	8,108	3,446	1,419	838	519	415	276	253	192	141	82	55	259	
White	16,651	-	1,461	7,792	3,265	1,329	785	484	375	244	229	180	126	77	50	254	
Nonwhite	885	-	74	315	181	90	53	35	40	32	24	12	14	5	5	5	
Not stated	2	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	
Louisiana²	18,205	3	1,525	7,448	3,555	1,664	1,106	777	533	439	306	205	191	94	52	307	
White	12,337	1	986	5,318	2,519	1,124	706	486	312	260	166	117	85	49	19	169	
Nonwhite	5,866	2	528	2,130	1,036	539	400	281	221	179	140	88	106	45	33	138	
Not stated	2	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	
Maine	8,085	-	805	3,584	1,611	732	424	280	207	145	103	84	51	34	17	-	
White	8,064	-	805	3,582	1,609	728	424	279	207	142	102	84	51	34	17	-	
Nonwhite	21	-	-	12	2	4	-	1	-	1	1	-	-	-	-	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mississippi	52,765	2	2,894	24,610	9,320	4,662	3,592	2,286	1,797	1,241	901	542	526	234	131	17	
White	32,191	1	1,663	16,347	5,756	2,739	1,870	1,226	840	631	425	277	233	112	64	7	
Nonwhite	20,574	1	1,231	8,263	3,564	1,923	1,722	1,070	957	610	476	265	293	122	67	10	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Nebraska	12,743	-	825	5,750	2,744	1,210	674	456	280	225	175	111	104	41	27	141	
White	12,422	-	810	5,641	2,685	1,175	645	415	266	215	156	107	102	40	26	137	
Nonwhite	321	-	15	109	59	35	29	21	14	10	17	4	2	1	4	4	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New Hampshire	7,428	-	276	2,966	1,547	898	569	401	278	177	124	83	52	34	23	-	
White	7,397	-	276	2,960	1,538	895	564	398	278	175	122	82	52	34	23	-	
Nonwhite	31	-	-	6	9	3	5	3	-	2	2	1	-	-	-	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
New York³	54,748	-	2,713	23,614	13,611	5,538	2,819	1,725	1,335	1,055	915	657	431	235	100	-	
White	55,113	-	2,619	23,018	13,242	5,351	2,691	1,635	1,268	1,010	882	645	420	234	98	-	
Nonwhite	1,635	-	94	596	369	187	128	90	67	45	33	12	11	1	2	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tennessee	15,024	-	1,346	6,311	3,175	1,362	895	536	393	276	249	186	147	94	53	1	
White	13,147	-	1,178	5,735	2,782	1,162	743	429	309	218	194	149	123	81	43	1	
Nonwhite	1,874	-	168	575	393	199	152	107	84	58	55	37	23	13	10	-	
Not stated	3	-	-	1	-	1	-	-	-	-	-	-	1	-	-	-	
Vermont	3,385	-	267	1,467	735	298	181	138	94	60	50	34	30	20	10	1	
White	3,373	-	267	1,467	731	296	179	137	94	59	49	34	30	20	10	-	
Nonwhite	12	-	-	-	4	2	2	1	-	1	1	-	-	-	-	1	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Virginia	33,174	-	2,206	14,452	7,410	3,524	2,012	1,200	844	640	422	303	208	107	48	-	
White	25,437	-	1,491	11,453	5,722	2,556	1,482	900	601	460	294	224	141	79	34	-	
Nonwhite	7,737	-	715	2,999	1,688	768	530	300	243	180	128	79	65	28	14	-	
Not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

¹Excludes figures for California.
²Excludes 10 parishes: Beauregard, Bienville, East Feliciana, Jefferson, Orleans, Pointe Coupee, St. James, St. Martin, Vermilion, Webster; estimated total for State, 26,000 marriages.
³Excludes marriages for which licenses had been issued in New York City; total for State, 134,115 marriages.

SUPPLEMENT

HAWAII, PUERTO RICO, VIRGIN ISLANDS, AND ALASKA

HAWAII

TABLE 1.—LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, AND FETAL DEATHS, BY RACE, SEX, AND MONTH: HAWAII, 1949

(Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

RACE AND SEX	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LIVE BIRTHS													
ALL RACES-----	14,150	1,216	1,148	1,197	1,121	1,140	1,139	1,228	1,213	1,235	1,231	1,149	1,133
Male-----	7,323	646	588	634	592	564	615	629	632	642	640	563	560
Female-----	6,827	570	562	563	529	576	524	599	581	593	591	586	553
Hawaiian and Part-Hawaiian-----	3,631	312	290	312	271	278	299	305	308	350	296	312	296
Male-----	1,853	156	152	177	146	148	159	152	154	181	135	150	143
Female-----	1,778	156	138	135	125	130	140	153	154	169	163	162	153
Caucasian-----	2,802	261	231	240	226	235	217	251	236	216	253	216	220
Male-----	1,472	138	123	121	114	117	110	139	126	121	139	108	116
Female-----	1,330	123	108	119	112	118	107	112	110	95	114	108	104
Japanese-----	4,693	407	404	377	384	366	364	417	396	402	423	364	379
Male-----	2,434	223	208	201	209	173	199	218	209	196	232	175	191
Female-----	2,259	184	196	176	175	195	165	199	177	206	191	189	188
All other-----	3,024	236	223	248	240	261	259	255	233	267	257	257	236
Male-----	1,564	129	103	135	123	126	147	120	143	144	134	130	130
Female-----	1,460	107	120	113	117	135	112	135	140	123	123	127	108
DEATHS (ALL AGES)													
ALL RACES-----	3,020	307	266	278	258	241	243	260	249	208	231	210	270
Male-----	1,927	199	169	167	175	148	161	171	159	129	135	138	176
Female-----	1,093	108	97	111	83	93	82	89	89	79	96	72	94
Hawaiian and Part-Hawaiian-----	610	54	59	64	41	50	52	54	50	43	44	47	52
Male-----	325	27	29	29	25	28	29	35	27	26	21	21	28
Female-----	285	27	30	35	16	22	23	19	23	17	23	26	24
Caucasian-----	683	83	54	48	73	61	54	63	54	52	47	37	57
Male-----	430	55	36	30	46	35	37	42	34	32	22	25	36
Female-----	253	28	18	18	27	26	17	21	20	20	25	12	21
Japanese-----	996	109	98	92	78	77	82	79	70	65	82	62	94
Male-----	624	71	62	58	53	49	49	46	54	35	48	37	64
Female-----	372	38	36	34	29	28	33	33	24	30	34	25	30
All other-----	731	61	55	74	66	53	55	64	66	48	58	64	67
Male-----	548	46	42	52	51	36	46	48	44	36	44	55	48
Female-----	183	15	13	22	15	17	9	16	22	12	14	9	19
DEATHS UNDER 1 YEAR													
ALL RACES-----	358	32	35	35	24	31	23	39	31	27	30	24	27
Male-----	214	18	19	22	16	18	15	26	17	17	17	12	17
Female-----	144	14	16	13	8	13	8	13	14	10	13	12	10
Hawaiian and Part-Hawaiian-----	119	17	16	12	4	10	7	13	10	7	9	7	7
Male-----	69	9	7	6	4	6	4	11	6	4	6	2	4
Female-----	50	8	9	6	-	4	3	2	4	3	3	5	3
Caucasian-----	60	3	1	5	6	7	2	11	2	7	4	4	8
Male-----	41	3	1	3	4	5	2	6	2	5	2	2	6
Female-----	19	-	-	2	2	2	-	5	-	2	2	2	2
Japanese-----	89	0	9	8	3	9	7	8	9	7	9	7	5
Male-----	50	3	6	1	6	4	6	4	3	3	6	2	3
Female-----	39	5	3	2	2	3	3	2	5	4	3	5	2
All other-----	90	4	9	10	11	5	7	7	10	6	8	6	7
Male-----	54	3	5	7	7	1	5	3	5	5	3	6	4
Female-----	36	1	4	3	4	4	2	4	5	1	5	-	3
FETAL DEATHS													
ALL RACES-----	173	14	16	13	14	10	16	10	17	14	20	15	14
Male-----	100	7	9	9	5	8	9	6	7	10	11	10	9
Female-----	73	7	7	4	9	2	7	4	10	4	9	5	5
Hawaiian and Part-Hawaiian-----	55	4	8	3	4	3	7	4	4	4	4	4	6
Male-----	33	2	4	1	1	3	3	3	1	3	2	4	3
Female-----	22	2	4	2	3	0	4	1	3	1	2	0	3
Caucasian-----	45	4	4	3	4	3	5	3	3	1	4	4	4
Male-----	24	2	2	3	4	1	4	1	3	1	3	2	3
Female-----	21	2	2	0	0	2	1	2	0	0	1	2	1
Japanese-----	43	3	2	5	2	2	3	3	1	2	3	2	1
Male-----	22	1	1	4	1	1	2	1	1	1	1	1	-
Female-----	21	2	1	1	1	1	1	2	0	1	2	1	-
All other-----	30	3	2	2	4	2	1	1	4	1	5	3	4
Male-----	21	2	2	1	3	2	1	1	2	1	2	2	4
Female-----	9	1	-	1	1	0	0	0	2	0	3	1	0

VITAL STATISTICS OF THE UNITED STATES

TABLE 2.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949

(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)			Deaths under 1 year	Deaths under 28 days	Fetal deaths	
	Total	Attended by—				Total ²	Not in institution	In resident institution				In non-resident institution
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
HAWAII-----	14,150	13,624	87	226	215	3,020	949	121	1,942	358	242	173
Hawaiian and Part-Hawaiian--	3,631	3,278	59	123	171	610	218	32	358	119	65	55
Caucasian-----	2,402	2,791	1	4	6	683	210	29	444	60	46	45
Japanese-----	4,693	4,622	12	55	4	996	386	19	847	89	71	43
All other-----	3,024	2,933	15	44	32	731	195	41	483	90	60	30
Hawaii County-----	1,637	1,569	18	5	45	511	201	-	310	41	28	18
Hawaiian and Part-Hawaiian--	463	406	12	5	40	90	40	-	50	15	9	5
Caucasian-----	194	194	-	-	-	77	22	-	55	3	2	5
Japanese-----	698	692	4	-	2	221	97	-	124	14	12	5
All other-----	282	277	2	-	3	123	42	-	81	8	3	3
Hilo (city)-----	797	782	6	1	8	247	84	-	163	24	15	7
Hawaiian and Part-Hawaiian--	217	204	4	1	8	44	12	-	32	10	5	1
Caucasian-----	106	106	-	-	-	47	13	-	34	3	2	4
Japanese-----	361	360	1	-	-	112	50	-	62	10	8	2
All other-----	93	92	1	-	-	44	9	-	35	1	-	-
Balance of county-----	640	767	12	4	37	264	117	-	147	17	11	11
Hawaiian and Part-Hawaiian--	246	202	8	4	32	46	28	-	18	6	4	4
Caucasian-----	88	88	-	-	-	30	9	-	21	-	-	1
Japanese-----	317	312	3	-	2	109	47	-	62	4	4	3
All other-----	189	185	1	-	3	79	33	-	46	7	3	3
Honolulu County-----	10,611	10,217	58	214	128	1,969	566	121	1,274	264	185	128
Hawaiian and Part-Hawaiian--	2,664	2,415	39	112	98	392	127	32	231	80	45	40
Caucasian-----	2,384	2,374	1	4	5	533	163	29	341	52	40	37
Japanese-----	3,216	3,152	7	55	2	578	165	19	390	64	50	32
All other-----	2,347	2,276	11	43	17	466	111	41	312	68	50	19
Honolulu (city)-----	9,186	8,922	31	179	54	1,825	437	25	1,165	235	168	106
Hawaiian and Part-Hawaiian--	2,369	2,218	19	90	42	324	95	16	215	74	43	34
Caucasian-----	2,051	2,043	1	4	3	442	131	1	310	44	35	33
Japanese-----	2,688	2,627	6	53	2	482	124	-	358	59	47	29
All other-----	1,878	1,834	5	32	7	377	89	8	280	56	43	10
Balance of county-----	1,425	1,295	27	35	68	344	129	96	111	31	17	22
Hawaiian and Part-Hawaiian--	295	197	20	22	56	68	34	16	16	6	2	6
Caucasian-----	333	331	-	-	2	91	32	26	31	8	5	4
Japanese-----	328	325	1	2	-	96	41	19	32	5	3	3
All other-----	469	442	6	11	10	89	22	33	32	12	7	9
Kalawao County-----	-	-	-	-	-	15	1	-	14	-	-	-
Hawaiian and Part-Hawaiian--	-	-	-	-	-	9	-	-	9	-	-	-
Caucasian-----	-	-	-	-	-	1	-	-	1	-	-	-
Japanese-----	-	-	-	-	-	1	1	-	-	-	-	-
All other-----	-	-	-	-	-	4	-	-	4	-	-	-
Kauai County-----	702	684	4	1	13	218	86	-	132	18	11	12
Hawaiian and Part-Hawaiian--	140	126	1	1	12	35	16	-	19	5	3	4
Caucasian-----	88	88	-	-	-	22	7	-	15	1	1	1
Japanese-----	297	296	1	-	87	35	35	-	52	6	5	2
All other-----	177	174	2	-	1	74	28	-	46	6	2	5
Maui County-----	1,200	1,154	7	6	35	307	95	-	212	35	20	15
Hawaiian and Part-Hawaiian--	364	331	7	5	21	84	35	-	49	16	8	6
Caucasian-----	136	135	-	-	1	50	18	-	32	4	3	2
Japanese-----	482	482	-	-	-	109	28	-	81	5	4	4
All other-----	218	206	-	1	11	64	14	-	50	8	5	3

¹It is assumed that all births in hospitals or institutions are attended by physicians.

²Deaths occurring in institutions of unknown type are not shown separately, but are included in the "Total" column. For Hawaii in 1949, these deaths were 8.

TABLE 3.—LIVE BIRTHS BY AGE OF MOTHER, BIRTH ORDER, AND RACE: HAWAII, 1949

(Birth order refers to number of children born alive to mother)

AGE OF MOTHER AND RACE OF CHILD	Total	BIRTH ORDER													
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES-----	14,150	4,514	3,808	2,511	1,424	828	459	299	161	129	87	46	41	42	1
10-14 years-----	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	1,217	870	268	72	6	1	-	-	-	-	-	-	-	-	-
20-24 years-----	4,679	1,815	1,509	725	320	139	55	11	5	-	-	-	-	-	-
25-29 years-----	4,563	1,065	1,517	956	541	324	169	107	40	22	9	2	-	-	1
30-34 years-----	2,498	350	550	563	400	229	141	95	58	46	34	8	10	4	-
35-39 years-----	942	83	137	165	151	108	78	70	46	45	32	19	15	13	-
40-44 years-----	215	15	26	28	23	17	14	13	11	14	9	12	12	23	-
45 years and over-----	29	1	1	2	3	3	2	3	1	2	3	5	4	2	-
Hawaiian and Part-Hawaiian-----	3,631	915	794	601	416	303	210	133	93	58	49	18	20	21	-
10-14 years-----	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	549	367	142	38	2	-	-	-	-	-	-	-	-	-	-
20-24 years-----	1,429	417	444	289	162	70	36	9	2	-	-	-	-	-	-
25-29 years-----	907	82	138	176	157	161	87	60	28	11	6	1	-	-	-
30-34 years-----	465	27	56	61	72	48	59	39	39	26	23	6	6	2	-
35-39 years-----	215	10	12	33	18	19	23	22	19	18	6	9	8	8	-
40-44 years-----	54	2	1	4	5	5	2	5	3	2	5	5	10	5	-
45 years and over-----	5	1	1	-	-	-	2	-	-	-	-	-	-	1	-
Caucasian-----	2,802	950	944	538	208	93	32	19	8	7	1	1	1	-	-
10-14 years-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	174	137	30	7	-	-	-	-	-	-	-	-	-	-	-
20-24 years-----	839	390	296	124	28	10	1	-	-	-	-	-	-	-	-
25-29 years-----	1,043	288	390	233	73	37	10	6	3	3	-	-	-	-	-
30-34 years-----	518	108	161	133	62	32	10	7	2	3	1	-	-	-	-
35-39 years-----	193	32	60	32	34	11	10	6	3	4	-	-	1	-	-
40-44 years-----	36	5	7	9	10	3	1	-	-	-	-	-	1	-	-
45 years and over-----	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Japanese-----	4,693	1,620	1,318	811	449	248	102	64	25	26	11	11	3	4	1
10-14 years-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	124	104	18	2	-	-	-	-	-	-	-	-	-	-	-
20-24 years-----	1,245	755	367	86	21	6	-	-	-	-	-	-	-	-	-
25-29 years-----	1,825	568	615	376	185	75	14	9	2	-	-	-	-	-	-
30-34 years-----	1,092	158	264	266	208	107	53	23	7	5	-	1	-	-	1
35-39 years-----	329	31	43	64	51	52	30	26	11	11	6	3	1	-	-
40-44 years-----	65	3	11	7	4	8	5	5	4	8	3	3	1	3	-
45 years and over-----	12	-	-	-	-	-	1	1	1	2	4	1	1	1	-
All other-----	3,024	829	752	561	351	184	115	83	35	38	26	16	17	17	-
10-14 years-----	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	370	262	78	25	4	1	-	-	-	-	-	-	-	-	-
20-24 years-----	1,166	363	402	216	109	53	18	2	3	-	-	-	-	-	-
25-29 years-----	788	127	174	171	146	61	58	32	7	8	3	1	-	-	-
30-34 years-----	417	57	69	103	58	42	19	27	10	15	10	1	4	2	-
35-39 years-----	205	10	22	38	28	26	15	16	13	12	8	10	4	5	-
40-44 years-----	60	3	7	8	4	1	3	6	2	3	4	3	6	10	-
45 years and over-----	11	-	-	2	2	-	2	-	-	-	1	1	3	-	-

TABLE 4.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: HAWAII, 1949

(Exclusive of fetal deaths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

RACE	Total births	Total cases (single and plural)	Cases of single births	CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE	
				Total	Twins
All races-----	14,150	14,059	13,963	96	96
Hawaiian and Part-Hawaiian--	3,631	3,606	3,580	26	26
Caucasian-----	2,802	2,780	2,758	22	22
Japanese-----	4,693	4,666	4,637	29	29
All other-----	3,024	3,007	2,988	19	19

TABLE 5.—MARRIAGES AND DIVORCES: HAWAII, 1946-49

YEAR	NUMBER OF--		Number of divorces and annulments
	Marriages	Marriage licenses	
1949-----	5,316	5,229	1,052
1948-----	5,657	5,558	1,398
1947-----	5,846	5,769	1,178
1946-----	5,945	5,776	1,453

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1949—Continued

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
210-239	Benign neoplasms and neoplasms of unspecified nature-----	14	1	-	-	-	-	-	2	1	3	3	2	2	-	-
	Hawaiian and Part-Hawaiian-----Male-----	2	1	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female-----	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Caucasian-----Male-----	3	-	-	-	-	-	-	1	-	-	1	-	1	-	-
	Female-----	4	-	-	-	-	-	-	-	-	2	1	-	1	-	-
	All other-----Male-----	2	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Female-----	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
260	Diabetes mellitus-----	74	1	-	-	-	-	1	1	3	4	24	24	13	3	-
	Hawaiian and Part-Hawaiian-----Male-----	6	1	-	-	-	-	-	-	-	-	3	1	1	1	-
	Female-----	6	-	-	-	-	-	-	-	-	1	1	1	1	2	-
	Caucasian-----Male-----	7	-	-	-	-	-	-	-	-	-	4	1	2	1	-
	Female-----	12	-	-	-	-	-	1	-	-	1	1	2	6	3	-
	All other-----Male-----	9	-	-	-	-	-	-	-	1	1	2	3	2	1	-
Female-----	14	-	-	-	-	-	-	-	1	1	5	7	1	2	-	
All other-----Male-----	9	-	-	-	-	-	-	-	-	-	5	3	2	1	-	
Female-----	11	-	-	-	-	-	-	1	2	-	3	3	2	-	-	
290-293	Anemias-----	6	1	-	1	-	-	-	-	-	1	1	-	2	-	-
	Hawaiian and Part-Hawaiian-----Male-----	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	2	-	-	1	-	-	-	-	-	1	-	-	-	-	-
	All other-----Male-----	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Female-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
340	Meningitis, except meningococcal and tuberculous-----	6	4	-	1	-	-	-	-	-	-	1	-	-	-	-
	Hawaiian and Part-Hawaiian-----Male-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	4	2	-	1	-	-	-	-	-	-	1	-	-	-	-
	All other-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female-----	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
330-334, 400-468, 592-594	Major cardiovascular-renal diseases-----	1,279	2	4	3	3	11	8	18	71	177	252	377	267	86	-
	Hawaiian and Part-Hawaiian-----Male-----	127	-	1	2	1	1	1	1	10	19	27	40	20	4	-
	Female-----	122	1	-	1	1	3	1	2	19	17	29	26	14	8	-
	Caucasian-----Male-----	178	-	1	-	-	-	-	1	3	5	31	46	45	34	12
	Female-----	124	-	1	-	-	1	1	2	6	12	27	35	24	15	
	All other-----Male-----	254	1	-	-	-	1	3	3	5	14	46	101	67	11	
	Female-----	176	-	1	-	-	2	1	3	8	27	34	58	34	9	
	All other-----Male-----	230	-	-	-	-	3	-	2	11	41	32	61	58	22	
	Female-----	68	-	-	-	1	-	-	2	7	16	9	11	16	6	
	330-334, 400-468	Diseases of cardiovascular system-----	1,208	2	3	2	2	10	7	14	57	167	235	368	260	85
Hawaiian and Part-Hawaiian-----Male-----		120	-	1	1	1	1	1	-	8	19	26	39	19	4	
Female-----		114	1	-	1	1	3	1	2	15	16	26	26	14	8	
Caucasian-----Male-----		175	-	1	-	-	-	-	1	3	4	31	45	44	34	12
Female-----		122	-	1	-	-	1	1	2	5	12	26	35	24	15	
All other-----Male-----		234	1	-	-	-	1	2	1	5	12	43	96	65	8	
Female-----		159	-	-	-	-	2	1	2	4	24	31	56	31	8	
All other-----Male-----		222	-	-	-	-	2	-	2	9	39	29	61	58	22	
Female-----		62	-	-	-	-	-	-	2	7	14	7	11	15	6	
330-334		Vascular lesions affecting central nervous system-----	290	-	-	-	-	-	1	4	19	42	55	108	47	14
	Hawaiian and Part-Hawaiian-----Male-----	12	-	-	-	-	-	-	-	2	-	1	7	2	-	
	Female-----	19	-	-	-	-	-	-	-	5	3	4	4	2	1	
	Caucasian-----Male-----	22	-	-	-	-	-	-	1	3	5	7	3	2	-	
	Female-----	34	-	-	-	-	-	-	1	2	5	10	6	5	5	
	All other-----Male-----	76	-	-	-	-	1	1	1	1	19	36	16	1	-	
Female-----	52	-	-	-	-	-	-	1	2	11	9	23	4	2		
400-402	Rheumatic fever-----	4	-	-	-	-	4	-	-	-	-	-	-	-	-	-
	Hawaiian and Part-Hawaiian-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
	Caucasian-----Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Female-----	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
	All other-----Male-----	2	-	-	-	-	2	-	-	-	-	-	-	-	-	
Female-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
410-443	Diseases of heart-----	841	2	2	2	2	6	5	9	34	121	170	244	189	55	-
	Hawaiian and Part-Hawaiian-----Male-----	99	-	-	1	1	1	1	-	6	19	24	30	14	2	
	Female-----	89	1	-	1	1	2	1	1	10	12	22	20	11	7	
	Caucasian-----Male-----	143	-	1	-	-	-	-	1	2	3	27	40	33	27	9
	Female-----	79	-	1	-	-	1	1	3	7	13	27	16	9	-	
	All other-----Male-----	145	1	-	-	-	-	1	-	4	11	23	56	44	5	
	Female-----	99	-	-	-	-	2	-	1	1	12	21	32	25	5	
	All other-----Male-----	144	-	-	-	-	-	-	2	3	24	20	39	41	15	
	Female-----	43	-	-	-	-	-	-	2	4	9	7	11	3	-	
	410-416	Chronic rheumatic heart disease-----	34	...	-	2	2	4	3	1	7	9	2	4	-	-
Hawaiian and Part-Hawaiian-----Male-----		6	...	-	1	1	1	-	-	2	1	-	-	-	-	
Female-----		6	...	-	1	1	1	1	-	1	1	-	-	-	-	
Caucasian-----Male-----		3	...	-	-	-	-	-	-	1	-	-	-	-	-	
Female-----		3	...	-	-	-	1	-	-	1	-	-	-	-		
All other-----Male-----		4	...	-	-	-	-	-	-	1	-	-	-	-		
Female-----		6	...	-	-	-	1	-	1	1	1	2	-	-		
All other-----Male-----		5	...	-	-	-	-	-	-	3	-	-	2	-		
Female-----		1	...	-	-	-	-	-	-	1	-	-	-	-		

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1949—Continued

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
490-493	Influenza and pneumonia, except pneumonia of newborn—Con.															
	Pneumonia, except pneumonia of newborn	100	17	8	-	2	-	1	2	8	4	13	18	15	12	-
	Hawaiian and Part-Hawaiian—Male	13	6	3	-	-	-	-	-	-	-	4	-	-	-	-
	Female	14	5	2	-	-	-	-	-	1	1	2	2	1	-	-
	Caucasian—Male	9	-	-	-	-	-	-	1	1	1	1	2	2	1	-
	Female	8	1	-	-	-	-	-	-	1	-	1	2	3	5	-
	Japanese—Male	16	-	-	-	-	-	-	1	-	1	1	5	4	6	-
	Female	11	1	-	-	1	-	1	-	-	1	1	3	1	2	-
	All other—Male	21	3	2	-	1	-	-	-	-	3	-	2	5	4	1
	Female	8	1	1	-	-	-	-	-	2	-	1	1	-	2	-
500-502	Bronchitis	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Hawaiian and Part-Hawaiian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
540,541	Ulcer of stomach and duodenum	36	1	-	-	-	-	1	2	4	10	7	9	1	1	-
	Hawaiian and Part-Hawaiian—Male	8	-	-	-	-	-	1	1	1	1	4	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	9	1	-	-	-	-	-	1	-	2	-	4	1	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	11	-	-	-	1	-	-	-	2	3	2	3	-	1	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
550-553	Appendicitis	6	-	1	-	1	-	-	2	-	1	-	-	-	1	-
	Hawaiian and Part-Hawaiian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	3	-	-	-	1	-	-	1	-	-	-	-	-	1	-
	All other—Male	2	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
560,561,570	Hernia and intestinal obstruction	20	6	1	-	-	-	-	2	1	2	1	3	3	1	-
	Hawaiian and Part-Hawaiian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	5	2	-	-	-	-	-	1	-	1	1	1	-	-	-
	Female	4	2	-	-	-	-	-	1	-	-	-	1	-	-	-
	All other—Male	4	1	-	-	-	-	-	-	-	-	2	-	-	-	-
Female	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	
543,571,572	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	38	26	2	-	-	-	-	1	3	3	-	3	-	-	-
	Hawaiian and Part-Hawaiian—Male	10	9	-	-	-	-	-	-	-	-	-	1	-	-	-
	Female	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-
	Female	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	4	-	-	-	-	-	-	1	1	2	-	-	-	-	-
Female	10	7	1	-	-	-	-	2	-	-	-	-	-	-	-	
581	Cirrhosis of liver	35	-	-	-	-	-	-	1	4	7	11	10	1	1	-
	Hawaiian and Part-Hawaiian—Male	3	-	-	-	-	-	-	-	1	1	1	-	-	-	-
	Female	2	-	-	-	-	-	-	-	1	-	-	-	-	1	-
	Caucasian—Male	7	-	-	-	-	-	-	1	1	1	3	1	-	-	-
	Female	4	-	-	-	-	-	-	1	1	1	1	1	-	-	-
	All other—Male	10	-	-	-	-	-	-	-	-	4	5	8	1	-	-
Female	2	-	-	-	-	-	-	-	-	-	2	2	-	-	-	
590,591	Acute nephritis and nephritis with edema, including nephrosis	8	-	1	1	-	1	-	3	-	2	-	-	-	-	-
	Hawaiian and Part-Hawaiian—Male	3	-	1	1	-	-	-	1	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	3	-	-	-	-	1	-	1	-	1	-	-	-	-	-
Female	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
610	Hyperplasia of prostate	6	-	-	-	-	-	-	-	-	-	1	2	2	1	-
	Hawaiian and Part-Hawaiian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Male	3	-	-	-	-	-	-	-	-	-	2	1	-	-	
640-689	Deliveries and complications of pregnancy, childbirth, and the puerperium	6	-	-	-	-	-	1	4	1	-	-	-	-	-	-
	Hawaiian and Part-Hawaiian—Female	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Caucasian—Female	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	All other—Female	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-
650-652	Abortion	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	Hawaiian and Part-Hawaiian—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caucasian—Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	All other—Female	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
640-649, 660-689	All other complications	5	-	-	-	-	-	-	4	1	-	-	-	-	-	-
	Hawaiian and Part-Hawaiian—Female	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	Caucasian—Female	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-
	All other—Female	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-

VITAL STATISTICS OF THE UNITED STATES

TABLE 6.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: HAWAII, 1949—Continued

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown.)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under	1 to	5 to	10 to	15 to	20 to	25 to	35 to	45 to	55 to	65 to	75 to	85 and over	Not stated
			1	4	9	14	19	24	34	44	54	64	74	84		
E963, E970-E979	Suicide	60	-	-	-	-	4	5	15	6	11	11	4	4	-	-
	Hawaiian and Part-Hawaiian	6	-	-	-	-	-	1	-	2	2	1	-	-	-	-
	Female	3	-	-	-	-	1	-	1	2	2	5	-	-	-	-
	Caucasian	13	-	-	-	-	-	1	1	1	2	1	1	-	-	-
	Female	2	-	-	-	-	-	-	7	-	5	3	3	2	-	-
	Japanese	20	-	-	-	-	-	1	1	2	2	1	1	1	-	-
	Female	8	-	-	-	-	-	1	1	2	2	1	1	1	-	-
	All other	7	-	-	-	-	-	1	1	2	2	1	1	1	-	-
Female	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
E964, E980-E985	Homicide	20	-	1	-	-	2	3	6	1	5	2	-	-	-	-
	Hawaiian and Part-Hawaiian	2	-	-	-	-	-	-	1	-	-	1	-	-	-	-
	Female	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-
	Caucasian	6	-	-	-	-	-	1	2	-	3	-	-	-	-	-
	Female	2	-	1	-	-	-	-	-	1	-	-	-	-	-	-
	Japanese	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	Female	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
	All other	5	-	-	-	-	1	1	1	-	2	1	-	-	-	-
Female	2	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-

TABLE 7.—DEATHS FROM 32 SELECTED CAUSES, BY MONTH: HAWAII, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 6, Puerto Rico) for which there were no deaths are not shown.)

CAUSE OF DEATH	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES	3,020	307	266	278	258	241	243	280	248	208	251	210	270
Tuberculosis, all forms	109	11	16	12	8	5	7	10	11	5	7	6	11
Syphilis and its sequelae	38	2	1	3	3	3	3	4	6	2	2	5	4
Dysentery, all forms	3	-	-	1	-	-	-	-	-	-	-	2	-
Acute poliomyelitis	1	-	-	1	-	-	-	-	-	-	-	-	-
Measles	4	2	1	-	-	1	-	-	-	-	-	-	-
All other infective and parasitic diseases	25	6	2	3	1	2	-	-	1	2	3	1	4
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	412	38	33	38	30	37	39	37	33	35	40	27	24
Diabetes mellitus	74	8	5	5	7	4	6	5	4	6	6	4	12
Meningitis, except meningococcal and tuberculous	6	-	-	-	-	1	1	1	-	1	1	1	-
Major cardiovascular-renal diseases	1,279	136	109	123	109	96	109	103	112	80	94	92	116
Diseases of cardiovascular system	1,208	131	100	114	100	90	105	101	106	76	88	89	110
Vascular lesions affecting central nervous system	290	31	25	27	22	23	23	25	25	20	30	18	23
Rheumatic fever	4	1	-	1	-	-	1	1	-	-	-	-	-
Diseases of heart	841	93	70	81	68	62	76	73	79	47	50	58	84
Hypertension without mention of heart and general arteriosclerosis	59	6	4	4	8	5	2	2	2	8	8	8	2
Other diseases of circulatory system	14	-	1	1	2	-	1	2	-	1	-	5	1
Chronic and unspecified nephritis and other renal sclerosis	71	5	9	9	9	6	6	2	6	4	6	3	6
Influenza and pneumonia, except pneumonia of newborn	118	13	14	17	7	8	6	10	4	7	10	11	13
Ulcer of stomach and duodenum	36	5	2	3	4	2	6	2	3	-	3	1	5
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	38	3	-	5	1	3	1	9	4	2	4	4	2
Cirrhosis of liver	35	4	1	3	4	4	3	2	4	2	4	-	4
Acute nephritis and nephritis with edema including nephrosis	8	-	-	2	1	1	-	-	-	-	1	1	2
Deliveries and complications of pregnancy, childbirth, and the puerperium	6	-	-	-	-	1	3	1	-	-	-	-	1
Congenital malformations	60	7	5	2	5	7	6	7	3	4	5	5	4
Symptoms, senility, and ill-defined conditions	63	5	10	10	13	5	2	5	2	3	3	1	4
Motor-vehicle accidents	64	7	4	1	9	8	2	5	7	6	1	9	5
All other accidents	132	13	12	7	20	8	9	11	11	12	6	13	8
Suicide	60	5	5	5	4	7	7	5	7	3	5	-	7
Homicide	20	3	-	2	1	1	1	2	4	1	2	1	2
All other causes	429	39	46	35	31	39	30	41	32	36	32	26	42

TABLE 8.—DEATHS FROM 32 SELECTED CAUSES: HAWAII, EACH COUNTY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949

(By place of occurrence. Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 8, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Hawaii	HAWAII COUNTY			HONOLULU COUNTY			Kalawao County	Kauai County	Maui County
		Total	Hilo (city)	Balance of county	Total	Honolulu (city)	Balance of county			
ALL CAUSES-----	3,020	511	247	264	1,989	1,625	344	15	218	307
Tuberculosis, all forms-----001-019	109	17	15	2	78	70	8	3	5	6
Syphilis and its sequelae-----020-029	38	6	1	5	24	16	8	-	4	4
Dysentery, all forms-----045-048	3	-	-	-	3	2	1	-	-	-
Acute poliomyelitis-----060	1	-	-	-	1	1	-	-	-	-
Measles-----085	4	-	-	-	3	3	-	-	-	1
All other infective and parasitic diseases-----030-039,041-044,049-054,059-074,081-084,086-138	25	4	4	-	10	8	2	6	3	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	412	62	32	30	281	261	20	-	26	43
Diabetes mellitus-----260	74	23	12	11	43	41	2	-	4	4
Meningitis, except meningococcal and tuberculous-----340	6	1	-	1	2	2	-	-	2	1
Major cardiovascular-renal diseases-----330-334,400-468,592-594	1,279	246	117	129	786	639	147	2	94	151
Diseases of cardiovascular system-----330-334,400-468	1,208	237	114	123	739	596	143	2	86	144
Vascular lesions affecting central nervous system-----330-334	290	91	41	50	152	118	34	-	15	32
Rheumatic fever-----400-402	4	-	-	-	3	3	-	-	-	1
Diseases of heart-----410-443	841	130	68	62	540	439	101	2	67	102
Hypertension without mention of heart and general arteriosclerosis-----440-450	59	13	4	9	37	29	8	-	4	5
Other diseases of circulatory system-----451-468	14	3	1	2	7	7	-	-	-	4
Chronic and unspecified nephritis and other renal sclerosis-----592-594	71	9	3	6	47	43	4	-	8	7
Influenza and pneumonia, except pneumonia of newborn-----480-493	118	19	5	14	79	45	33	-	11	9
Ulcer of stomach and duodenum-----540,541	36	2	-	2	27	32	5	-	-	2
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----545,571,572	38	5	3	2	28	27	1	1	-	4
Cirrhosis of liver-----581	35	4	-	4	27	23	4	-	2	2
Acute nephritis and nephritis with edema including nephrosis-----590,591	8	1	1	-	5	5	-	-	1	1
Deliveries and complications of pregnancy, childbirth, and the puerperium-----640-689	6	-	-	-	2	1	1	-	-	4
Congenital malformations-----750-759	60	9	8	1	42	39	3	-	4	5
Symptoms, senility, and ill-defined conditions-----780-795	65	9	4	5	42	33	9	1	9	2
Motor-vehicle accidents-----E810-E835	64	10	6	4	40	27	13	-	5	9
All other accidents-----E800-E802,E840-E862	132	16	5	11	92	57	35	-	10	14
Suicide-----E963,E970-E979	60	7	2	5	39	29	10	2	5	7
Homicide-----E984,E980-E985	20	-	-	-	16	15	3	-	3	1
All other causes-----Residual	429	70	32	38	294	255	39	-	30	35

TABLE 9.—DEATHS UNDER 1 YEAR, BY DETAILED AGE, RACE, AND SEX: HAWAII, 1949

(Exclusive of fetal deaths)

AGE	Total	ALL RACES		HAWAIIAN AND PART-HAWAIIAN		CAUCASIAN		JAPANESE		ALL OTHER	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
		UNDER 1 YEAR-----	358	214	144	69	50	41	19	50	39	54	36
Under 1 day-----	119	70	49	18	15	11	7	21	15	20	12
1 day-----	46	32	14	9	4	10	1	5	3	8	6
2 days-----	22	12	10	2	3	3	1	4	4	3	2
3 days-----	13	10	3	2	-	2	-	3	3	3	-
4 days-----	5	2	3	-	-	1	2	1	1	-	-
5 days-----	7	3	4	2	1	-	-	-	2	1	-
6 days-----	4	1	3	-	-	-	-	-	2	1	-
7-15 days-----	15	6	7	5	2	2	1	1	3	-	-
14-20 days-----	4	3	1	-	1	-	-	1	-	1	-
21-27 days-----	9	5	4	2	-	1	2	1	1	1	1
Under 28 days-----	242	144	98	39	27	32	14	37	34	37	23
28-59 days-----	18	11	7	1	4	4	1	4	1	2	1
2 months-----	14	8	6	2	2	-	1	2	2	4	1
3 months-----	13	9	4	4	1	1	1	-	1	4	1
4 months-----	12	7	5	2	2	2	1	2	-	1	2
5 months-----	11	6	5	6	3	-	1	-	-	-	1
6 months-----	9	8	1	6	1	-	-	1	-	1	-
7 months-----	14	10	4	5	2	1	-	1	1	3	1
8 months-----	11	4	7	2	5	-	-	2	-	-	2
9 months-----	4	3	1	2	-	-	-	1	-	-	1
10 months-----	5	2	3	1	1	-	-	-	-	1	2
11 months-----	5	2	3	-	2	1	-	-	-	1	1

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TABLE 10.—DEATHS UNDER 1 YEAR AND UNDER 28 DAYS, FROM 45 SELECTED CAUSES, BY RACE: HAWAII, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown.)

CAUSE OF DEATH	ALL RACES			HAWAIIAN AND PART-HAWAIIAN			CAUCASIAN			JAPANESE			ALL OTHER		
	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months
ALL CAUSES-----	359	342	116	119	65	54	60	46	14	69	71	16	90	60	30
Tuberculosis, all forms-----001-019	2	-	2	1	-	1	-	-	-	1	-	1	-	-	-
All other infective and parasitic diseases-----030-044,049-055,057-138	3	-	3	2	-	2	-	-	-	-	-	1	-	-	-
Diseases of thymus gland-----273	2	1	1	2	1	1	-	-	-	-	-	-	-	-	-
Meningitis, except meningococcal and tuberculous-----340	4	2	2	1	-	1	-	-	-	2	2	-	1	-	1
All other diseases of nervous system and sense organs-----330-334,341-398	5	4	1	2	1	1	-	-	-	3	3	-	-	-	-
Influenza and pneumonia, except pneumonia of newborn-----490-493	21	1	20	12	1	11	1	-	1	1	-	1	7	-	7
Influenza-----490-483	4	1	3	1	1	-	-	-	-	-	-	-	3	-	3
Pneumonia, except pneumonia of newborn-----490-493	17	...	17	11	...	11	1	...	1	1	...	1	4	...	4
All other diseases of respiratory system-----470-475,500-527	2	-	2	-	-	-	-	-	-	-	-	-	2	-	2
Hernia and intestinal obstruction-----560,561,570	6	3	3	-	-	-	4	2	2	1	1	-	1	-	1
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----545,571,572	26	-	26	12	-	12	2	-	2	2	-	2	10	-	10
All other diseases of digestive system-----530-542,544-553,573-587	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Congenital malformations-----750-759	42	26	16	11	4	7	6	2	15	9	6	10	9	1	1
Spina bifida and meningocoele-----751	2	-	2	-	-	-	1	-	1	1	-	1	-	-	-
Congenital malformations of circulatory system-----754	20	9	11	6	1	5	1	-	1	8	4	4	5	4	1
All other congenital malformations-----750,752,753,755-759	20	17	5	5	3	2	4	4	-	6	5	1	5	5	-
Certain diseases of early infancy-760-778	211	200	11	62	58	4	39	38	1	56	54	2	54	50	4
Birth injuries-----760,761	40	40	-	11	11	-	6	6	-	12	12	-	11	11	-
Without mention of immaturity (.0)---	26	26	-	7	7	-	4	4	-	7	7	-	8	8	-
With immaturity (.5)---	14	14	-	4	4	-	2	2	-	5	5	-	3	3	-
Intracranial and spinal injury at birth-----760	19	19	-	4	4	-	-	-	-	9	9	-	6	6	-
Without mention of immaturity (.0)---	14	14	-	4	4	-	-	-	-	5	5	-	5	5	-
With immaturity (.5)---	5	5	-	-	-	-	-	-	-	4	4	-	1	1	-
Other birth injury-----761	21	21	-	7	7	-	6	6	-	3	3	-	5	5	-
Without mention of immaturity (.0)---	12	12	-	3	3	-	4	4	-	2	2	-	3	3	-
With immaturity (.5)---	9	9	-	4	4	-	2	2	-	1	1	-	2	2	-
Postnatal asphyxia and atelectasis-----762	73	71	2	21	20	1	11	11	-	17	17	-	24	23	1
Without mention of immaturity (.0)---	19	17	2	4	3	1	1	1	-	6	6	-	8	7	1
With immaturity (.5)---	54	54	-	17	17	-	10	10	-	11	11	-	16	16	-
Pneumonia of newborn-----763	8	8	...	5	5	...	1	1	...	1	1	...	1	1	...
Without mention of immaturity (.0)---	4	4	...	3	3	...	1	1	...	1	1	...	1	1	...
With immaturity (.5)---	4	4	...	2	2	...	1	1	...	1	1	...	1	1	...
Diarrhea of newborn-----764	3	3	-	2	2	-	1	1	-	-	-	-	-	-	-
Without mention of immaturity (.0)---	2	2	-	1	1	-	1	1	-	-	-	-	-	-	-
With immaturity (.5)---	1	1	-	1	1	-	-	-	-	-	-	-	-	-	-
Neonatal disorders arising from maternal toxemia-----769	6	6	-	-	-	-	2	2	-	1	1	-	3	3	-
With immaturity (.5-.9)---	6	6	-	-	-	-	2	2	-	1	1	-	3	3	-
Hemolytic disease of newborn (erythroblastosis)-----770	6	5	1	-	-	-	4	4	-	2	1	1	-	-	-
Without mention of immaturity (.0-.2)---	5	4	1	-	-	-	3	3	-	2	1	1	-	-	-
With immaturity (.5-.7)---	1	1	-	-	-	-	1	1	-	-	-	-	-	-	-
Hemorrhagic disease of newborn-----771	5	5	-	3	3	-	1	1	-	-	-	-	1	1	-
Without mention of immaturity (.0)---	2	2	-	1	1	-	1	1	-	-	-	-	1	1	-
With immaturity (.5)---	3	3	-	2	2	-	-	-	-	-	-	-	-	-	-
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment-----772,773	8	7	1	6	5	1	1	1	-	1	1	-	-	-	-
Without mention of immaturity (.0)---	2	1	1	2	1	1	-	-	-	-	-	-	-	-	-
With immaturity (.5)---	6	6	-	4	4	-	1	1	-	1	1	-	-	-	-
Immaturity with mention of any other subsidiary condition-----774	9	6	3	1	-	1	-	-	-	5	4	1	3	2	1
Immaturity unqualified-----776	53	49	4	13	12	1	12	11	1	17	17	-	11	9	2
Symptoms and ill-defined conditions-----780-795	4	1	3	2	-	2	-	-	-	1	1	-	1	-	1
All other diseases-----Residual	11	1	10	7	-	7	-	-	-	2	-	2	2	1	1
Accidents-----E800-E962	18	2	16	5	-	5	7	1	6	4	1	3	2	-	2
Inhalation and ingestion of food or other object causing obstruction or suffocation-----E921-E922	10	1	9	3	-	3	3	1	2	3	-	3	1	-	1
All other accidental causes-----E900-E920,E923,E925-E962	8	1	7	2	-	2	4	-	4	1	1	-	1	-	1

PUERTO RICO

TABLE 1.-LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, AND FETAL DEATHS, BY RACE, SEX, AND MONTH: PUERTO RICO, 1949

(Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

RACE AND SEX	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LIVE BIRTHS													
ALL RACES-----	85,825	7,193	6,303	6,899	6,904	7,500	6,872	7,144	7,074	7,820	7,601	7,220	7,295
Male-----	45,705	3,627	3,225	3,498	3,533	3,781	3,521	3,666	3,653	3,952	3,856	3,651	3,742
Female-----	41,920	3,566	3,078	3,401	3,371	3,719	3,351	3,478	3,421	3,868	3,745	3,569	3,553
White-----	65,517	5,334	4,667	5,023	5,048	5,404	5,089	5,265	5,273	5,766	5,776	5,391	5,481
Male-----	32,511	2,672	2,390	2,553	2,565	2,732	2,630	2,721	2,742	2,989	2,905	2,756	2,838
Female-----	31,006	2,662	2,277	2,470	2,465	2,672	2,459	2,544	2,531	2,777	2,871	2,635	2,643
Nonwhite-----	22,108	1,859	1,636	1,876	1,856	2,096	1,783	1,879	1,801	1,854	1,825	1,829	1,814
Male-----	11,194	955	855	945	950	1,049	891	945	911	963	951	895	904
Female-----	10,914	904	801	931	906	1,047	892	934	890	891	874	934	910
DEATHS (ALL AGES)													
ALL RACES-----	23,389	2,106	1,827	1,870	1,827	1,945	1,911	2,084	2,102	2,060	1,985	1,818	1,876
Male-----	12,311	1,123	987	980	988	1,020	1,024	1,044	1,069	1,069	1,074	955	998
Female-----	11,078	983	840	890	839	925	887	1,040	1,033	991	891	861	878
White-----	19,051	1,739	1,462	1,513	1,467	1,573	1,591	1,678	1,708	1,708	1,611	1,465	1,536
Male-----	9,997	920	799	785	794	812	845	841	872	884	879	759	809
Female-----	8,054	819	663	730	672	761	746	837	836	824	732	706	727
Nonwhite-----	4,338	367	365	357	360	372	320	406	394	352	354	351	340
Male-----	2,314	205	188	197	194	208	179	205	197	185	195	176	189
Female-----	2,024	164	177	160	166	164	141	203	197	167	159	175	151
DEATHS UNDER 1 YEAR													
ALL RACES-----	5,797	547	467	463	475	482	452	516	513	502	473	464	439
Male-----	3,224	299	271	253	251	270	266	275	279	282	271	273	234
Female-----	2,573	248	196	210	223	212	196	241	234	220	202	191	205
White-----	5,020	478	394	400	412	404	397	452	441	439	421	401	381
Male-----	2,777	266	226	215	213	223	231	239	242	246	238	235	205
Female-----	2,243	212	168	185	199	181	166	213	199	193	183	166	176
Nonwhite-----	777	69	73	63	67	78	55	64	72	63	52	63	58
Male-----	447	33	45	39	39	47	35	36	37	36	33	38	31
Female-----	330	36	28	25	29	31	20	28	35	27	19	25	27
FETAL DEATHS													
ALL RACES-----	4,069	310	310	356	357	374	319	366	328	310	343	330	366
Male-----	2,362	179	186	211	207	219	179	217	176	176	198	200	214
Female-----	1,705	131	124	145	149	155	140	149	152	134	145	129	152
Not stated--	4	-	-	-	1	-	-	-	-	-	2	1	-
White-----	2,979	224	226	245	262	264	227	251	236	225	264	246	289
Male-----	1,714	130	140	134	153	164	132	147	123	123	146	154	168
Female-----	1,262	94	86	111	109	120	95	104	113	102	118	92	121
Not stated--	3	-	-	-	1	-	-	-	-	-	2	-	-
Nonwhite-----	1,090	86	84	111	95	90	92	115	92	85	79	84	77
Male-----	648	49	46	77	54	55	47	70	53	53	52	46	46
Female-----	441	37	38	34	41	35	45	45	39	32	27	37	31
Not stated--	1	-	-	-	-	-	-	-	-	-	-	1	-

TABLE 2.-CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: PUERTO RICO, 1949

(Exclusive of fetal deaths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period.)

RACE	Total births	Total cases (single and plural)	CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE			
			Cases of single births	Total	Twins	Triplets
All races-----	85,825	84,823	83,398	825	614	11
White-----	65,517	62,946	62,355	591	583	3
Nonwhite-----	22,108	21,877	21,043	234	231	8

TABLE 3.-MARRIAGES AND DIVORCES: PUERTO RICO, 1946-49

YEAR	Number of marriages	Number of divorces
1949-----	16,156	3,409
1948-----	15,379	3,334
1947-----	16,779	3,582
1946-----	20,345	4,047

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TABLE 4.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE. 1949
(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)			Deaths under 1 year	Deaths under 28 days	Fetal deaths	
	Total	Attended by—				Total ²	Not in institution	In resident institution				In non-resident institution
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
PUERTO RICO	85,625	26,638	910	54,679	3,398	23,388	17,376	225	5,636	5,797	2,267	4,069
White	63,517	19,098	705	41,152	2,561	19,051	14,097	164	4,660	5,020	1,977	2,979
Nonwhite	22,108	7,539	205	13,527	837	4,336	3,279	61	976	777	280	1,090
Adjuntas	651	115	4	588	149	259	221	-	17	59	21	35
White	631	114	4	588	144	233	215	-	17	58	21	35
Nonwhite	20	1	-	14	5	6	6	-	-	1	-	-
Aguada	792	99	3	585	125	232	222	-	10	73	26	30
White	701	89	3	505	104	208	200	-	8	69	25	26
Nonwhite	91	10	-	60	21	24	22	-	2	4	1	4
Aguadilla	2,417	1,435	26	875	81	745	398	-	345	203	86	155
White	1,371	724	21	581	45	655	341	-	311	182	74	90
Nonwhite	1,046	711	5	294	36	90	57	-	32	21	12	65
Aguadilla	1,489	1,276	9	178	25	458	92	-	342	121	65	119
White	768	634	8	110	16	393	80	-	310	109	56	63
Nonwhite	721	642	1	68	9	45	12	-	32	12	9	56
Balance of municipality	928	159	17	696	56	307	306	-	1	82	21	36
White	603	90	13	471	29	262	261	-	1	73	16	27
Nonwhite	325	69	4	225	27	45	45	-	-	9	3	9
Agua Buenas	699	33	-	577	89	164	153	-	11	31	10	19
White	455	22	-	386	67	125	116	-	9	24	9	13
Nonwhite	244	11	-	211	22	39	37	-	2	7	1	6
Aibonito	681	76	6	594	5	196	141	-	54	35	21	39
White	600	71	4	520	5	175	126	-	48	27	14	36
Nonwhite	81	5	2	74	-	21	15	-	6	8	7	3
Anasco	652	1	13	626	12	227	226	-	-	70	19	37
White	527	1	8	510	8	195	194	-	-	63	16	32
Nonwhite	125	-	5	116	4	32	32	-	-	7	1	5
Arecibo	3,494	1,795	19	1,599	91	1,257	739	2	511	512	122	281
White	3,128	1,602	18	1,423	85	1,168	678	1	486	309	122	265
Nonwhite	366	193	1	166	6	89	63	1	25	3	-	26
Arecibo	1,891	1,792	10	185	4	655	137	2	511	166	87	200
White	1,787	1,599	9	175	4	622	130	1	486	165	87	185
Nonwhite	204	193	1	10	-	33	7	1	25	1	-	15
Balance of municipality	1,503	3	9	1,404	87	602	802	-	-	146	35	81
White	1,341	3	9	1,248	61	546	546	-	-	144	35	80
Nonwhite	162	-	-	156	6	56	56	-	-	2	-	11
Arroyo	550	106	2	438	4	179	123	-	56	48	16	35
White	231	85	2	173	1	90	55	-	35	29	9	19
Nonwhite	319	21	-	265	3	89	68	-	21	19	7	16
Barceloneta	662	71	4	576	11	165	155	-	10	40	21	36
White	491	42	3	438	8	139	131	-	8	37	19	31
Nonwhite	171	29	1	138	3	26	24	-	2	3	2	7
Barranquitas	709	39	8	654	8	144	131	-	13	48	32	31
White	701	38	8	649	6	143	130	-	13	48	32	31
Nonwhite	8	1	-	5	2	1	1	-	-	-	-	-
Bayamon	3,108	2,229	22	815	42	807	321	-	478	213	106	169
White	2,213	1,536	14	635	32	642	252	-	382	192	98	119
Nonwhite	895	693	8	182	10	165	69	-	96	21	8	50
Bayamon	891	675	4	204	8	216	147	-	64	58	23	24
White	630	479	3	143	5	175	116	-	54	51	21	18
Nonwhite	261	196	1	61	3	41	31	-	10	7	2	6
Balance of municipality	2,217	1,584	16	611	34	591	174	-	414	155	85	145
White	1,585	1,067	11	490	27	467	136	-	328	141	77	101
Nonwhite	632	497	7	121	7	124	38	-	86	14	8	44
Cabo Rojo	1,026	221	21	781	3	240	210	-	30	78	32	58
White	795	160	13	619	3	220	194	-	26	74	31	38
Nonwhite	231	61	8	162	-	20	16	-	4	4	1	15
Caguas	2,325	830	7	1,326	60	668	506	8	153	152	59	116
White	2,175	878	7	1,229	59	578	430	7	140	135	53	85
Nonwhite	150	52	-	97	1	90	76	1	13	17	5	21
Caguas	1,440	830	5	487	18	428	266	8	153	106	39	79
White	1,331	878	5	451	17	372	224	7	140	93	35	64
Nonwhite	109	52	-	66	1	56	42	1	13	4	4	15
Balance of municipality	883	-	2	859	42	240	240	-	-	46	19	37
White	842	-	2	798	42	206	206	-	-	42	18	31
Nonwhite	41	-	-	41	-	34	34	-	-	4	1	6
Camuy	719	1	4	674	39	256	233	-	1	69	15	32
White	657	1	3	618	37	229	229	-	1	66	14	29
Nonwhite	61	-	1	58	2	27	7	-	-	1	1	3
Carolina	715	169	1	545	-	176	164	-	12	36	10	29
White	286	57	1	228	-	89	62	-	7	18	4	13
Nonwhite	429	112	-	317	-	107	102	-	5	18	6	16
Catano	535	-	4	482	49	145	145	-	-	48	10	20
White	379	-	4	342	33	109	109	-	-	41	9	17
Nonwhite	156	-	-	140	16	36	36	-	-	7	1	7
Cayey	1,597	258	7	1,305	27	478	334	-	144	90	36	72
White	1,285	219	5	1,041	20	407	289	-	117	89	36	57
Nonwhite	312	39	2	264	7	72	45	-	27	1	-	15
Ceiba	146	-	-	136	10	38	35	-	-	1	7	3
White	89	-	-	81	8	25	24	-	1	7	3	2
Nonwhite	57	-	-	55	2	11	11	-	-	2	-	1
Ciales	695	102	3	566	24	173	153	-	20	33	10	45
White	619	92	3	503	21	165	147	-	18	32	10	39
Nonwhite	76	10	-	65	3	8	6	-	2	1	-	6
Cidra	750	-	2	677	71	153	152	-	-	49	22	33
White	465	-	2	413	50	125	124	-	-	47	21	17
Nonwhite	285	-	-	264	21	28	28	-	-	2	1	16
Como	1,044	55	119	862	8	180	162	-	18	46	26	47
White	969	53	103	806	7	173	156	-	17	46	26	44
Nonwhite	75	2	16	56	1	7	6	-	1	-	-	3
Comerio	681	5	2	641	33	140	138	-	-	38	7	23
White	567	2	2	541	22	116	115	-	-	32	5	20
Nonwhite	114	3	-	100	11	24	23	-	6	2	2	3

See footnotes on p. 200.

TABLE 4.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949-Continued

(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)				Deaths under 1 year	Deaths under 28 days	Fetal deaths
	Total	Attended by—				Total ²	Not in institution	In resident institution	In non-resident institution			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
Corozal	804	4	-	798	2	138	138	-	-	34	16	35
White	738	4	-	733	1	130	130	-	-	34	16	29
Nonwhite	66	-	-	65	1	8	8	-	-	-	-	6
Culebra	30	-	-	27	3	4	4	-	-	1	-	2
White	11	-	-	11	-	3	3	-	-	1	-	2
Nonwhite	19	-	-	16	3	1	1	-	-	-	-	-
Dorado	289	-	-	284	5	68	67	-	-	18	4	6
White	154	-	-	151	3	44	43	-	-	13	3	3
Nonwhite	105	-	-	103	2	24	24	-	-	5	1	3
Fajardo	1,518	1,272	35	1,73	38	445	160	6	271	94	55	99
White	915	795	20	78	22	290	97	4	190	72	40	63
Nonwhite	603	477	15	85	16	147	63	2	81	22	15	36
Guanica	654	58	3	583	-	148	108	-	-	39	49	18
White	408	37	3	366	-	123	98	-	-	34	45	18
Nonwhite	248	21	-	227	-	25	20	-	-	5	4	12
Guayama	1,317	1,019	7	1,019	125	362	237	-	116	95	26	59
White	805	94	7	629	75	262	170	-	87	73	20	34
Nonwhite	512	72	-	390	50	100	67	-	29	22	6	25
Guayama	781	1,65	5	559	32	206	126	-	-	71	62	18
White	460	94	5	339	22	151	90	-	-	56	47	14
Nonwhite	301	71	-	220	10	55	36	-	-	15	15	4
Balance of municipality	556	1	2	460	93	156	111	-	-	45	33	8
White	345	-	2	290	53	111	80	-	-	31	26	6
Nonwhite	211	1	-	170	40	45	31	-	-	14	7	2
Guayanilla	687	2	-	589	96	141	140	-	-	44	16	19
White	565	2	-	481	82	118	117	-	-	35	13	13
Nonwhite	122	-	-	108	14	23	23	-	-	9	3	6
Guaynabo	533	38	1	451	43	149	146	-	3	31	6	30
White	333	19	1	280	33	113	111	-	2	23	4	18
Nonwhite	200	19	-	171	10	36	35	-	1	8	2	12
Gurabo	478	148	1	328	1	114	92	-	22	28	11	22
White	295	86	1	208	-	88	72	-	16	23	9	13
Nonwhite	183	62	-	120	1	26	20	-	6	3	2	9
Hatillo	591	1	-	573	17	175	175	-	-	57	17	22
White	547	1	-	530	16	170	170	-	-	56	17	20
Nonwhite	44	-	-	43	1	5	5	-	-	1	-	2
Hormigueros	211	6	4	195	6	68	68	-	-	27	9	9
White	137	6	3	126	2	58	58	-	-	21	8	4
Nonwhite	74	-	1	69	4	11	11	-	-	6	1	5
Humacao	1,589	727	2	787	73	368	258	-	97	76	34	88
White	929	465	2	419	43	249	168	-	72	63	27	46
Nonwhite	660	262	-	368	30	119	90	-	25	13	7	42
Isabela	894	2	3	871	18	304	303	-	-	88	24	39
White	735	2	3	715	15	259	259	-	-	72	19	28
Nonwhite	159	-	-	156	3	45	44	-	-	16	5	11
Jayuya	651	79	-	452	120	164	135	-	29	33	16	31
White	639	77	-	446	116	161	132	-	29	32	16	31
Nonwhite	12	2	-	6	4	3	3	-	-	1	-	-
Juana Diaz	1,157	512	2	630	213	288	228	-	60	74	23	56
White	681	195	2	376	108	218	167	-	51	58	18	34
Nonwhite	476	117	-	254	105	70	61	-	9	16	5	22
Junco	784	113	14	634	23	255	229	-	26	57	23	36
White	650	98	12	523	17	208	188	-	20	49	20	29
Nonwhite	134	15	2	111	6	47	41	-	6	8	3	7
Lajas	571	64	3	494	10	117	98	-	19	49	11	30
White	476	51	3	412	10	96	80	-	16	45	11	27
Nonwhite	95	13	-	82	-	21	18	-	3	4	-	3
Loroa	1,196	130	6	836	224	400	359	3	58	104	32	59
White	1,155	126	6	805	218	394	353	3	38	103	32	55
Nonwhite	41	4	-	31	6	6	6	-	-	1	-	4
Las Marias	351	-	2	337	12	89	89	-	-	25	12	23
White	275	-	-	268	7	81	81	-	-	24	12	17
Nonwhite	76	-	2	69	5	8	8	-	-	1	-	6
Las Piedras	588	-	-	523	65	156	155	-	-	34	15	21
White	427	-	-	386	41	128	128	-	-	28	11	10
Nonwhite	161	-	-	137	24	28	27	-	-	6	2	11
Loiza	877	134	6	723	14	249	234	-	15	55	21	41
White	317	74	4	237	2	97	90	-	7	23	7	18
Nonwhite	560	60	2	486	12	152	144	-	8	32	14	23
Luquillo	271	-	-	264	7	59	58	-	-	1	14	1
White	144	-	-	142	2	31	30	-	-	1	10	1
Nonwhite	127	-	-	122	5	28	28	-	-	4	4	-
Manati	1,160	358	26	756	20	324	268	-	56	82	33	51
White	679	208	23	436	12	238	194	-	44	68	30	29
Nonwhite	481	150	3	320	8	86	74	-	12	14	3	22
Maricao	284	36	-	235	13	107	104	-	3	30	13	16
White	166	21	-	136	9	92	89	-	3	29	13	11
Nonwhite	118	15	-	99	4	15	15	-	-	1	-	5
Maunabo	469	25	1	442	1	118	112	-	6	24	7	16
White	232	14	-	217	1	63	61	-	2	15	5	9
Nonwhite	237	11	1	225	-	55	51	-	4	9	2	7
Mayaguez	3,314	1,544	45	1,416	309	1,162	762	32	362	263	67	177
White	2,408	1,163	34	985	226	957	622	22	307	242	82	111
Nonwhite	906	381	11	431	83	205	140	10	55	21	5	66
Mayaguez	2,325	1,544	31	624	126	677	375	32	264	154	63	130
White	1,697	1,163	24	417	93	562	305	22	229	146	62	79
Nonwhite	628	381	7	207	33	115	70	10	35	8	1	51
Balance of municipality	989	-	14	792	183	485	387	-	98	109	24	47
White	711	-	10	568	135	395	317	-	78	96	20	32
Nonwhite	278	-	4	224	50	90	70	-	20	13	4	15
Moca	733	2	1	706	24	191	190	-	-	49	19	37
White	710	2	1	683	24	181	180	-	-	49	19	33
Nonwhite	23	-	-	23	-	10	10	-	-	-	-	4
Morovis	628	25	4	592	7	122	109	-	13	34	18	17
White	599	25	4	563	7	117	104	-	13	33	17	16
Nonwhite	29	-	-	29	-	5	5	-	-	1	1	1

See footnotes on p. 200.

VITAL STATISTICS OF THE UNITED STATES

TABLE 4.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: PUERTO RICO, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949—Continued
(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)				Deaths under 1 year	Deaths under 28 days	Fetal deaths
	Total	Attended by—				Total ²	Not in institution	In resident institution	In non-resident institution			
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
Naguabo	818	329	9	432	48	183	149	-	15	35	14	22
White	403	159	6	214	24	104	95	-	9	27	11	15
Nonwhite	415	170	3	218	24	59	53	-	6	8	3	7
Naranjito	538	-	-	534	4	91	90	-	-	19	8	13
White	533	-	-	529	4	90	89	-	-	18	8	12
Nonwhite	5	-	-	5	-	1	1	-	-	-	-	-
Orocovis	924	3	8	787	28	154	154	-	-	43	19	40
White	735	3	4	700	28	144	144	-	-	42	19	23
Nonwhite	89	-	2	87	-	10	10	-	-	1	-	12
Patillas	811	34	5	701	71	202	176	-	26	44	21	46
White	447	17	4	388	58	141	121	-	20	34	17	32
Nonwhite	364	17	1	313	35	61	55	-	6	10	4	14
Penuelas	465	-	-	462	3	141	141	-	-	39	15	21
White	404	-	-	402	2	126	126	-	-	34	12	18
Nonwhite	61	-	-	60	1	15	15	-	-	5	1	3
Ponce	5,396	1,752	36	3,532	76	1,724	1,114	35	561	393	157	324
White	4,626	1,560	31	2,968	67	1,491	962	29	489	370	149	272
Nonwhite	770	192	5	564	9	233	152	7	72	23	8	52
Ponce	3,944	1,749	32	2,120	43	1,303	709	35	546	285	123	283
White	3,416	1,557	28	1,795	36	1,129	611	29	478	272	118	220
Nonwhite	528	192	4	325	7	174	97	7	68	13	5	43
Balance of municipality	1,452	3	4	1,412	35	421	406	-	15	108	34	61
White	1,210	3	3	1,173	31	362	351	-	11	98	31	52
Nonwhite	242	-	1	239	2	59	55	-	4	10	3	9
Quebradillas	511	-	-	508	3	138	138	-	-	39	19	18
White	502	-	-	499	3	131	131	-	-	37	18	17
Nonwhite	9	-	-	9	-	7	7	-	-	2	-	1
Rincon	268	1	2	260	5	79	79	-	-	22	8	2
White	264	1	2	256	5	75	75	-	-	22	8	2
Nonwhite	4	-	-	4	-	4	4	-	-	-	-	-
Rio Grande	338	7	4	371	11	123	123	-	-	32	10	19
White	177	4	3	161	9	56	56	-	-	16	4	9
Nonwhite	216	3	1	210	2	67	67	-	-	16	6	10
Rio Piedras	4,146	2,763	23	1,267	73	1,324	649	94	559	245	82	172
White	2,148	1,488	19	602	39	952	420	66	447	157	61	80
Nonwhite	1,998	1,275	4	665	34	372	229	28	112	88	21	92
Rio Piedras	3,530	2,753	17	770	40	724	419	5	279	179	71	158
White	1,889	1,463	17	369	20	520	294	4	204	118	54	89
Nonwhite	1,641	1,290	-	361	20	204	125	1	75	63	17	69
Balance of municipality	583	30	6	437	33	600	230	89	280	66	11	14
White	259	25	2	213	19	432	126	62	243	41	7	11
Nonwhite	324	5	4	224	14	168	104	27	37	25	4	3
Sabana Grande	637	184	43	385	25	145	126	-	19	41	13	33
White	370	105	29	218	18	115	100	-	15	33	10	15
Nonwhite	267	79	14	167	7	30	26	-	4	8	3	18
Salinas	957	239	7	598	113	232	183	-	49	54	19	45
White	620	146	6	396	72	153	118	-	35	33	12	36
Nonwhite	337	93	1	202	41	79	65	-	14	21	7	9
San German	975	335	10	505	125	321	226	-	95	63	27	54
White	786	277	7	412	90	277	195	-	82	76	24	45
Nonwhite	189	58	3	93	35	44	31	-	13	7	3	9
San Juan, coextensive with San Juan (city)	10,011	6,763	160	3,055	43	2,370	1,307	45	979	572	235	333
White	7,147	5,109	115	1,893	30	1,794	973	33	753	454	228	220
Nonwhite	2,864	1,654	45	1,162	13	576	334	12	226	118	65	113
San Lorenzo	1,170	67	7	1,075	21	273	253	-	20	70	20	54
White	752	47	5	687	15	211	195	-	16	57	14	39
Nonwhite	418	20	2	388	8	62	58	-	4	13	6	15
San Sebastian	1,412	136	43	1,210	23	382	370	-	12	119	36	62
White	1,306	126	39	1,117	20	363	351	-	12	117	36	56
Nonwhite	116	10	4	93	3	19	19	-	-	2	-	6
Santa Isabel	564	160	16	407	21	157	132	-	25	54	20	31
White	351	75	7	255	14	108	87	-	21	39	13	23
Nonwhite	213	85	9	152	7	49	45	-	4	15	7	8
Toa Alta	391	99	21	244	27	95	86	-	9	17	9	15
White	292	74	16	182	20	72	64	-	8	17	9	8
Nonwhite	99	25	5	62	7	23	22	-	1	-	-	7
Toa Baja	456	99	14	331	12	107	103	-	4	28	9	12
White	185	38	7	133	6	57	56	-	1	15	6	2
Nonwhite	271	61	7	198	5	50	47	-	3	13	3	10
Trujillo Alto	317	-	3	311	3	65	62	-	3	9	2	10
White	147	-	2	143	2	43	41	-	2	7	2	10
Nonwhite	170	-	1	168	1	22	21	-	1	2	-	5
Utuado	1,852	155	17	1,535	145	478	430	-	48	137	46	83
White	1,785	150	16	1,478	141	469	422	-	47	137	46	81
Nonwhite	67	5	1	57	4	9	9	-	1	-	-	2
Vega Alta	557	11	6	540	-	132	129	-	3	34	17	16
White	359	8	5	348	-	110	107	-	3	29	15	11
Nonwhite	198	3	1	192	-	22	22	-	-	5	2	5
Vega Baja	1,116	80	5	1,026	5	241	205	-	29	61	36	42
White	718	58	4	654	2	169	140	-	22	41	24	28
Nonwhite	398	22	1	372	3	72	65	-	7	20	12	14
Vieques	277	103	-	170	4	99	88	-	31	30	6	14
White	165	61	-	102	2	79	54	-	25	29	5	9
Nonwhite	112	42	-	68	2	20	14	-	6	1	1	5
Villalba	596	1	8	584	3	133	133	-	-	28	11	29
White	494	1	7	484	2	124	124	-	-	28	11	25
Nonwhite	102	-	1	100	1	9	9	-	-	-	-	4
Yabucoa	1,179	213	15	901	50	288	253	-	35	62	30	52
White	832	139	9	655	29	217	191	-	26	55	29	36
Nonwhite	347	74	6	246	21	71	62	-	9	7	1	16
Yauco	1,544	148	7	1,363	26	465	409	-	56	144	49	60
White	1,310	132	7	1,148	23	414	363	-	51	131	45	66
Nonwhite	234	16	-	215	3	51	46	-	5	13	4	14

¹It is assumed that all births in hospitals or institutions are attended by physicians.

²Deaths occurring in institutions of unknown type are not shown separately, but are included in the "Total" column. For Puerto Rico in 1949, these deaths were 152.

SUPPLEMENT-PUERTO RICO

TABLE 5.-LIVE BIRTHS BY AGE OF MOTHER, BIRTH ORDER, AND RACE: PUERTO RICO, 1949

(Birth order refers to number of children born alive to mother)

AGE OF MOTHER AND RACE OF CHILD	Total	BIRTH ORDER													
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES	85,625	16,518	15,703	12,764	9,523	7,560	6,126	4,871	3,671	2,812	2,104	1,577	981	1,465	130
10-14 years	43	35	5	1	1	-	-	-	-	-	-	-	-	-	1
15-19 years	9,762	5,672	2,911	873	217	51	8	2	1	-	-	-	-	-	27
20-24 years	26,243	6,351	7,240	5,868	3,422	1,767	843	369	138	72	28	14	5	4	42
25-29 years	19,428	2,117	2,849	3,105	3,005	2,766	2,263	1,511	878	473	232	97	60	43	27
30-34 years	11,624	719	996	1,097	1,173	1,364	1,420	1,409	1,127	945	638	328	203	198	9
35-39 years	8,511	311	345	487	572	699	777	856	974	870	797	624	440	659	-
40-44 years	1,844	53	46	74	69	108	112	137	160	163	213	177	170	361	1
45-49 years	304	6	10	10	13	12	15	21	18	27	24	23	32	92	1
50 years and over	32	-	-	2	4	-	3	3	3	-	-	1	6	2	-
Not stated	8,034	1,274	1,301	1,167	1,047	891	685	563	372	262	171	108	69	102	22
WHITE	63,517	12,316	11,883	9,567	6,924	5,465	4,439	3,578	2,716	2,091	1,570	1,040	736	1,100	106
10-14 years	29	26	2	-	1	-	-	-	-	-	-	-	-	-	-
15-19 years	6,917	4,017	2,066	611	154	37	7	1	1	-	-	-	-	-	23
20-24 years	19,595	4,824	5,515	4,449	2,484	1,254	590	267	102	51	21	8	4	2	34
25-29 years	14,575	1,671	2,254	2,380	2,211	1,895	1,646	1,107	642	337	169	71	41	27	24
30-34 years	8,650	543	760	851	844	1,008	1,050	1,051	846	682	475	249	157	148	5
35-39 years	6,243	228	267	369	410	442	580	635	734	676	589	470	332	511	-
40-44 years	1,591	36	37	56	48	83	77	111	118	129	165	140	128	262	1
45-49 years	233	5	8	9	11	8	12	17	13	19	18	19	27	66	1
50 years and over	19	-	-	-	1	-	2	1	2	-	-	4	2	7	-
Not stated	5,865	966	974	842	760	635	465	406	258	167	133	79	45	77	18
NONWHITE	22,108	4,202	3,820	3,217	2,599	2,097	1,687	1,295	955	731	534	337	245	365	24
10-14 years	14	9	3	1	-	-	-	-	-	-	-	-	-	-	1
15-19 years	2,945	1,655	845	262	63	14	1	1	-	-	-	-	-	-	4
20-24 years	6,648	1,507	1,725	1,519	938	513	263	102	36	21	7	6	1	2	8
25-29 years	4,853	446	595	725	794	773	617	404	236	138	63	26	19	16	3
30-34 years	2,974	176	236	245	329	355	370	378	281	263	163	79	46	48	4
35-39 years	2,068	83	78	118	162	157	197	221	240	194	208	134	108	148	-
40-44 years	453	17	9	18	21	25	35	26	42	34	48	37	42	99	-
45-49 years	71	1	2	1	2	4	3	4	5	8	6	4	5	26	-
50 years and over	13	-	-	2	3	-	1	2	1	-	1	2	-	1	-
Not stated	2,169	308	327	325	287	256	200	157	114	75	36	29	24	25	4

TABLE 6.-DEATHS FROM 32 SELECTED CAUSES, BY MONTH: PUERTO RICO, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES	23,569	2,106	1,827	1,870	1,827	1,945	1,811	2,084	2,102	2,060	1,965	1,816	1,876
Tuberculosis, all forms	3,201	285	265	292	254	281	265	290	245	275	268	232	241
Syphilis and its sequelae	163	16	12	8	12	16	10	14	26	11	14	11	13
Typhoid fever	18	2	1	1	2	2	3	1	1	3	2	1	1
Dysentery, all forms	62	11	2	9	2	7	6	5	8	3	2	2	5
Diphtheria	57	1	1	4	6	1	4	2	6	11	9	7	5
Whooping cough	245	20	18	22	40	31	26	16	20	10	10	16	14
Meningococcal infections	10	1	1	-	-	-	-	1	2	-	-	3	2
Acute poliomyelitis	10	2	-	-	1	-	1	1	1	2	1	-	1
Measles	24	6	6	3	-	3	2	1	-	-	1	-	2
All other infective and parasitic diseases	541	48	45	67	42	46	46	55	49	39	47	33	25
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	1,312	112	109	112	127	106	111	118	94	127	99	98	99
Diabetes mellitus	118	12	6	8	7	12	14	9	11	8	7	13	11
Meningitis, except meningococcal and tuberculous	163	12	14	13	12	15	13	13	18	14	17	12	10
Major cardiovascular-renal diseases	4,108	358	327	357	316	366	321	357	349	321	344	347	345
Diseases of cardiovascular system	3,546	305	270	312	276	324	288	305	301	289	299	297	282
Vascular lesions affecting central nervous system	668	57	56	61	54	55	58	66	43	55	48	60	55
Rheumatic fever	15	2	-	1	5	1	-	-	-	3	1	-	1
Diseases of heart	2,363	199	175	208	175	230	184	200	211	191	215	188	187
Hypertension without mention of heart and general arteriosclerosis	437	42	34	33	35	35	42	31	41	34	33	42	35
Other diseases of circulatory system	63	5	5	9	7	3	4	6	5	6	2	7	4
Chronic and unspecified nephritis and other renal sclerosis	562	53	57	45	40	42	33	54	48	32	45	50	63
Influenza and pneumonia, except pneumonia of newborn	2,231	186	147	149	140	157	170	202	263	253	202	187	175
Ulcer of stomach and duodenum	82	4	14	8	7	6	2	7	8	8	6	10	4
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	2,827	239	210	215	186	243	238	287	284	233	228	232	224
Cirrhosis of liver	200	26	17	20	14	17	10	18	19	12	17	13	17
Acute nephritis and nephritis with edema including nephrosis	193	26	14	16	12	16	14	18	20	19	9	12	17
Deliveries and complications of pregnancy, childbirth, and the puerperium	199	22	17	15	13	15	12	20	19	15	20	13	18
Congenital malformations	317	29	26	16	38	22	24	22	28	38	23	19	32
Symptom, senility, and ill-defined conditions	2,195	200	154	156	183	179	168	175	188	215	205	163	189
Motor-vehicle accidents	203	16	16	14	20	18	18	15	10	16	19	20	21
All other accidents	498	31	25	27	41	36	95	42	38	40	42	33	48
Suicide	389	42	31	29	32	31	24	37	37	36	36	19	35
Homicide	225	15	15	11	22	28	15	14	26	22	23	13	21
All other causes	3,600	378	333	300	298	291	289	344	322	331	315	288	301

SUPPLEMENT-PUERTO RICO

BY AGE, RACE, AND SEX: PUERTO RICO, 1949

(fetal deaths)

Birth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 & over & not stated
140-205	Malignant neoplasms, etc.*	1,312	5	5	2	2	2	10	2	12	14	26	25	50	79	106	142	132	179	180	143	79	70	43	15	6	5
	White-M	524	2	4	2	1	1	6	1	7	12	24	27	50	77	122	142	132	179	180	143	79	70	43	15	6	5
	White-F	542	3	1	-	1	2	4	1	5	10	13	15	30	51	58	61	47	78	68	49	23	18	18	6	6	2
	Nonwhite-M	121	-	-	-	-	-	-	-	3	-	1	2	2	11	8	10	17	8	20	12	11	6	6	1	-	3
	Nonwhite-F	125	-	-	-	-	-	-	-	-	3	5	1	6	13	13	16	14	14	11	10	6	8	3	-	2	-
140-148	Of buccal cavity and pharynx	58	1	-	-	-	-	-	-	-	-	1	-	2	3	5	5	8	6	4	8	3	4	4	1	-	-
	White-M	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-F	14	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-M	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150-157-159	Of digestive organs and peritoneum	628	-	-	-	-	-	1	-	1	2	7	8	15	34	40	75	66	80	92	79	51	39	23	10	3	2
	White-M	308	-	-	-	-	-	-	-	1	1	4	6	14	16	41	31	51	42	39	24	23	8	9	5	1	1
	White-F	201	-	-	-	-	-	1	-	1	1	6	6	7	17	21	17	23	34	28	14	9	4	4	1	-	1
	Nonwhite-M	74	-	-	-	-	-	-	-	-	-	-	1	2	8	4	6	13	3	10	8	9	4	4	1	-	1
	Nonwhite-F	45	-	-	-	-	-	-	-	-	1	-	1	5	3	6	5	3	3	6	4	4	4	4	1	-	1
160-164	Of respiratory system	93	-	-	-	-	-	-	-	1	-	2	1	3	3	3	14	12	17	17	7	6	5	-	-	1	1
	White-M	53	-	-	-	-	-	-	-	1	-	1	1	1	1	2	2	9	8	7	4	4	4	-	-	1	1
	White-F	25	-	-	-	-	-	-	-	-	-	-	1	1	1	1	3	2	6	5	5	2	2	-	-	1	1
	Nonwhite-M	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170	Of breast	38	-	-	-	-	-	-	-	-	2	-	-	1	2	8	10	2	2	5	2	2	1	1	1	-	-
	White-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-F	31	-	-	-	-	-	-	-	-	1	-	-	1	2	5	8	1	5	1	4	2	2	1	1	-	-
	Nonwhite-M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	7	-	-	-	-	-	-	-	-	2	2	4	7	7	7	2	2	2	2	5	2	2	2	2	1	2
171-179	Of genital organs	288	-	-	-	-	-	-	-	-	8	7	21	24	37	27	27	47	25	26	9	13	10	1	2	2	2
	White-M	38	-	-	-	-	-	-	-	-	1	1	1	1	1	1	2	2	7	4	8	4	5	5	3	1	1
	White-F	189	-	-	-	-	-	-	-	-	2	3	6	16	16	29	22	21	34	17	12	2	5	5	3	1	-
	Nonwhite-M	11	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
	Nonwhite-F	50	-	-	-	-	-	-	-	-	4	4	4	8	8	5	4	4	6	2	5	2	2	2	2	1	1
180-181	Of urinary organs	53	-	1	1	-	3	1	1	1	1	2	2	2	1	4	2	2	8	3	4	10	4	3	2	1	-
	White-M	31	-	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	White-F	14	-	1	1	-	2	-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	Nonwhite-M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
156B, 165, 190-199	Of other sites, etc.*	98	-	1	-	2	1	1	4	1	1	2	4	10	7	8	9	9	16	13	6	3	3	3	3	-	-
	White-M	56	-	1	-	1	1	1	1	1	2	2	4	11	5	2	2	2	10	4	4	2	2	2	2	1	1
	White-F	45	-	-	-	1	1	1	1	1	1	1	1	3	3	5	5	5	4	7	1	2	2	2	2	1	1
	Nonwhite-M	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
204	Leukemia and leukemia	40	2	2	1	-	1	5	1	2	5	3	3	1	2	2	2	1	2	3	1	1	2	2	1	1	-
	White-M	19	1	2	1	-	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	White-F	20	1	1	1	-	1	1	1	1	4	2	2	1	2	1	2	1	1	2	2	1	1	1	1	1	-
	Nonwhite-M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200-203-205	Lymphomas, etc.*	16	2	1	1	-	1	1	3	1	1	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2	-
	White-M	8	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	White-F	5	1	1	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	Nonwhite-M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
210-239	Benign and unspecified neoplasms	92	4	2	-	1	3	3	4	2	1	4	5	6	6	9	4	8	6	9	6	1	3	4	4	1	1
	White-M	39	2	1	-	1	2	2	2	1	1	1	2	2	2	3	1	1	1	3	4	1	1	2	2	2	1
	White-F	37	2	1	-	1	2	2	2	2	2	2	2	2	2	5	4	2	2	2	2	4	3	3	3	3	1
	Nonwhite-M	11	-	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-
	Nonwhite-F	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
250	Diabetes mellitus	118	1	-	2	-	1	1	2	4	4	3	4	3	5	6	11	7	20	18	15	5	7	7	2	2	1
	White-M	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-F	60	1	-	-	-	-	1	2	2	2	2	2	2	3	3	3	2	2	9	7	4	4	4	4	2	1
	Nonwhite-M	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nonwhite-F	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
280-293	Anemia	235	14	6	8	4	5	10	9	3																	

VITAL STATISTICS OF THE UNITED STATES

TABLE 7.—DEATHS FROM 64 SELECTED CAUSES, BY

(Exclusive of

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Age Group																						100 & over not stated			
			Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89		90 to 94	95 to 99	
410-443	Diseases of heart	2,363	5	7	4	3	4	21	13	16	18	25	44	48	63	93	153	161	225	260	265	167	264	191	143	52	58	
	White—M	989	3	5	2	1	2	9	3	6	4	4	14	20	29	35	82	88	105	142	110	76	109	71	45	14	10	
	White—F	908	2	1	1	2	2	8	6	6	7	9	14	17	22	35	44	34	78	95	117	74	112	91	73	25	33	
	Nonwhite—M	240	-	1	-	-	-	2	-	2	3	8	8	7	16	11	21	22	22	33	21	18	14	13	3	6	6	
	Nonwhite—F	226	-	-	-	-	-	2	4	2	4	4	8	3	5	7	16	18	20	21	25	18	25	15	12	10	9	
410-416	Chronic rheumatic heart disease	107	...	-	-	-	1	6	5	1	7	2	6	5	6	2	7	8	11	9	7	10	5	5	3	-	1	
	White—M	42	...	-	-	-	1	2	2	-	1	-	3	4	1	1	3	2	6	2	3	5	4	1	-	-	1	
	White—F	42	...	-	-	-	3	1	1	1	2	1	2	1	4	1	3	5	3	4	2	4	-	4	1	-	-	
	Nonwhite—M	11	...	-	-	-	-	-	-	-	2	1	1	-	-	-	1	1	1	1	1	-	-	-	2	-	-	
	Nonwhite—F	12	...	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	1	2	-	1	-	-	-	-	-	
420	Arteriosclerotic heart dis., etc.*	615	2	-	-	-	-	1	-	1	6	7	16	15	40	49	64	65	97	70	37	73	29	23	10	9	9	
	White—M	504	2	-	-	-	-	1	-	1	6	7	16	15	40	49	64	65	97	70	37	73	29	23	10	9	9	
	White—F	209	-	-	-	-	-	-	-	-	-	-	5	6	10	19	26	45	28	53	32	14	37	15	6	3	1	
	Nonwhite—M	62	-	-	-	-	-	-	-	-	-	-	5	1	2	2	4	6	3	4	7	9	2	2	1	1	1	
	Nonwhite—F	40	-	-	-	-	-	-	-	-	-	-	-	-	2	4	6	3	8	3	5	5	2	4	1	2	-	
421, 422	Nonbacterial chronic endocarditis, etc.*	944	...	3	3	2	2	6	5	4	5	9	17	14	14	23	48	49	78	92	121	88	126	100	78	27	29	
	White—M	383	...	1	1	1	1	4	1	2	1	2	4	5	6	8	25	22	41	50	47	39	52	35	28	8	3	
	White—F	390	...	1	1	2	2	3	2	1	2	4	7	6	7	8	14	13	27	31	36	35	53	46	39	12	16	
	Nonwhite—M	77	...	1	1	-	-	-	-	-	-	-	1	2	1	1	1	1	8	6	9	8	9	7	4	2	2	
	Nonwhite—F	94	...	-	-	-	-	1	2	1	1	2	5	1	1	2	8	6	5	9	7	12	10	5	5	8		
430-434	Other diseases of heart	376	3	4	1	1	1	3	3	7	4	7	10	9	16	9	24	16	35	46	39	28	36	31	25	11	10	
	White—M	140	1	4	1	1	1	1	1	1	4	4	2	2	3	6	2	11	18	12	9	12	16	13	8	2	2	
	White—F	150	2	-	-	-	-	1	3	3	2	2	2	2	5	3	8	11	21	15	15	18	13	12	6	5	2	
	Nonwhite—M	49	-	-	-	-	-	-	-	2	2	3	3	3	4	4	1	2	5	2	5	3	3	2	2	2	2	
	Nonwhite—F	37	-	-	-	-	-	-	-	1	2	3	-	1	-	4	3	4	2	3	1	3	2	3	3	3	1	
440-445	Hypertension with heart dis.	321	-	-	-	-	-	3	-	3	1	2	4	5	12	19	25	24	37	36	48	23	24	16	4	9	9	
	White—M	120	-	-	-	-	-	1	-	2	1	2	4	5	12	19	25	24	37	36	48	23	24	16	4	9	9	
	White—F	117	-	-	-	-	-	1	-	1	1	1	2	3	10	3	10	3	12	10	18	9	12	14	9	2	5	
	Nonwhite—M	41	-	-	-	-	-	-	-	-	-	-	1	3	1	1	1	3	7	3	6	1	4	1	1	1	1	
	Nonwhite—F	43	-	-	-	-	-	-	-	-	-	-	-	-	3	1	3	6	4	4	8	4	4	3	3	-	-	
444-447	Hypertension without mention of heart	84	-	-	-	-	-	-	-	-	1	-	1	2	3	6	7	1	6	10	11	6	5	10	5	8	1	2
	White—M	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	1	4	1	1	1	1	
	White—F	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	5	1	2	3	4	1	1	1	
	Nonwhite—M	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	
	Nonwhite—F	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	-	-	
450	General arteriosclerosis	353	-	-	-	-	-	-	-	-	-	-	1	1	2	2	8	4	24	26	51	32	52	45	46	24	36	
	White—M	144	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	10	14	25	12	24	24	22	12	8	8	
	White—F	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	10	14	25	12	24	24	12	10	18	
	Nonwhite—M	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	3	5	3	5	2	2	2	6	
	Nonwhite—F	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	4	4	5	5	2	9	4	6	
451-468	Other diseases of circulatory sys.	63	2	-	-	1	1	2	1	4	5	2	4	3	-	3	2	3	3	6	8	3	3	5	1	-	1	
	White—M	29	2	-	-	1	1	2	1	2	2	1	3	-	3	-	2	2	3	3	3	1	1	1	1	-	-	
	White—F	24	-	-	-	-	-	-	-	1	4	2	1	2	-	-	-	-	1	1	1	2	1	1	1	-	-	
	Nonwhite—M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Nonwhite—F	4	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
592-594	Chronic nephritis, etc.*	562	12	18	26	25	16	44	10	16	14	12	18	24	9	23	21	28	36	50	37	34	31	28	16	8	6	
	White—M	229	7	9	11	10	3	26	5	7	5	4	6	2	7	10	12	17	19	20	20	14	12	11	7	4	1	
	White—F	205	1	5	10	10	11	15	5	7	5	2	11	11	3	14	3	11	17	10	17	10	13	7	8	4	5	
	Nonwhite—M	60	2	3	2	4	1	3	-	5	5	5	8	3	2	2	2	7	7	7	5	6	4	4	1	2	1	
	Nonwhite—F	50	2	1	3	1	1	-	-	2	1	1	1	2	2	3	3	3	5	5	5	6	3	4	1	1	1	
490-495	Influenza and pneumonia, etc.*	2,231	717	395	191	114	62	112	47	16	15	16	20	31	24	27	34	26	43	49	67	42	53	54	42	20	15	
	White—M	921	332	170	79	38	25	50	8	8	3	6	7	16	12	6	13	7	15	22	28	17	17	20	14	7	1	
	White—F	968	307	176	90	54	26	48	20	4	8	9	9	9	9	16	13	11	18	12	27	14	22	22	12	12	12	
	Nonwhite—M	178	45	27	7	11	6	12	11	1	1	3	3	3	2	4	4	4	6	6	7	7	7	7	4	1	2	
	Nonwhite—F	164	33	22	14	11	5	4	8	3	3	-	1	5	3	5	4	5	6	6	5	5	6	6	4	1	2	
490-493	Influenza	516	83	39	24	14	5	13	10	4	2	4	1	5	6	4	6	4	5	13	18	12	11	11	7	4	6	
	White—M	124	37	15	10	7	2	7	2	2	2	-	1	4	1	4	1	4	2	2	4	7	4	5	3	1	1	
	White—F	133																										

AGE, RACE, AND SEX: PUERTO RICO, 1949-Continued

fetal deaths)

Birth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1	2	3	4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 to 89	90 to 94	95 to 99	100 & over & not stated	
543, 571, 572	Gastritis, etc.*	2,827	1,535	468	237	154	68	120	23	6	5	8	6	6	9	15	9	5	13	24	14	14	7	13	6	7	5	
	White-M	1,209	718	182	113	56	30	42	7	4	2	4	1	4	2	4	3	3	12	7	5	2	2	2	2	2	1	
	White-F	1,155	590	214	124	67	28	51	10	4	1	1	1	1	1	2	1	1	7	9	4	5	2	11	3	3	2	
	Nonwhite-M	216	118	35	19	17	3	10	2	2	1	5	1	1	1	2	3	2	1	2	2	2	1	1	1	1	2	
	Nonwhite-F	247	111	37	31	14	7	17	4	1	1	7	10	21	23	19	17	18	24	13	17	5	3	2	1	1	1	
581	Cirrhosis of Liver	200	105	2	1	1	1	1	1	1	2	2	2	2	5	5	7	6	7	4	3	4	1	1	1	1	1	
	White-M	33	1	1	1	1	1	1	1	1	2	2	2	2	5	5	7	6	7	4	3	4	1	1	1	1	1	
	White-F	51	1	1	1	1	1	1	1	1	2	2	2	2	5	5	7	6	7	4	3	4	1	1	1	1	1	
	Nonwhite-M	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
590, 591	Acute nephritis, etc.*	193	16	16	23	24	17	42	11	2	5	3	4	1	1	1	3	3	3	3	3	3	4	2	1	4	1	
	White-M	74	10	5	11	11	9	11	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	84	2	11	11	11	5	23	4	1	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-M	20	2	2	2	2	2	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	15	2	2	2	2	2	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
610	Hyperplasia of prostate	17	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
640-689	Complications of pregnancy, etc.*	198	181	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	161	145	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	38	36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
650-652	Abortion	11	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	8	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
640-649, 660-689	All other complications	188	152	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	152	128	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	36	24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
750-759	Congenital malformations	317	284	15	1	3	7	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	171	150	9	1	1	5	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	118	107	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Nonwhite-M	10	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	18	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
760-776	Certain diseases of early infancy	1,875	1,875	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	945	945	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	667	667	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-M	170	170	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	93	93	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
760-762	Birth injuries, etc.*	347	347	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	187	187	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	112	112	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-M	51	51	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	17	17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
763-768	Infections of newborn	338	338	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	163	163	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	131	131	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-M	33	33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	11	11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
769-776	Other diseases of infancy, and immaturity unqualified	1,190	1,190	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-M	595	595	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	White-F	424	424	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-M	106	106	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	Nonwhite-F	65	65	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
780-795	Senility, etc.*	2,195	568	158	112	57	42	71	17	20	26	36	23	36	27	35	33	65	96	109	76	134	112	124	84	101	25	
	White-M	873	274	58	51	20	14	29	10	6	9	11	8	11	14	12	13	30	44	47	52	50	29	39	25	25	43	
	White-F	904	237	75	47	24	23	35	9	10	14	6	17	8	14	13	13	20	36	35	28	52	50	51	40	18	18	
	Nonwhite-M	218	39	10	7	4	2	4	1	2	3	4	6	4	5	4	3	8	6	20								

VITAL STATISTICS OF THE UNITED STATES

TABLE 8.—DEATHS FROM 32 SELECTED CAUSES: PUERTO RICO, EACH MUNICIPALITY,

(By place of occurrence. Exclusive of fetal deaths. Numbers under causes of death

1	AREA	Total	Tuber-	Syph-	Ty-	Dysen-	Diph-	Whoop-	Menin-	Acute	Men-	All other	Malignant	Diab-	Menin-	Major	Diseases
			culosis, all forms 001-019	illis and its sequelae 020-029	phoid fever 040	tery, all forms 045-048	theria 055	oping cough 056	ingococcal infections 057	polio-myelitis 080	inges 085	infective and parasitic diseases 030-039, 041-044, 049-054, 058-074, 081-084, 086-138	neoplasms, including neoplasms of lymphatic and hematopoietic tissues 140-205	betes mellitus 280	ingitis, except meningococcal and tuberculous 340	cardio-vascular renal diseases 330-334, 400-468, 582-594	of cardio-vascular system 330-334, 400-468
	PUERTO RICO	25,389	5,201	163	18	62	57	243	10	10	24	541	1,512	118	163	4,108	5,546
2	Adjuntas	239	20	2	-	1	-	5	-	-	1	5	18	2	-	34	32
3	Aguada	232	-	-	-	-	-	-	-	-	-	4	1	-	-	21	15
4	Aguadilla	745	73	7	1	-	5	3	-	1	-	33	51	3	5	120	117
5	Aguadilla	436	30	4	1	-	5	2	-	1	-	30	32	3	5	56	54
6	Balance of municipality	307	43	3	-	-	-	1	-	-	-	3	19	-	-	64	63
7	Agua Buenas	164	34	2	-	-	-	1	-	-	-	2	3	1	1	29	28
8	Aibonito	196	33	-	-	2	1	-	-	-	1	3	11	3	-	41	39
9	Amasco	227	16	2	-	-	-	2	-	-	-	3	8	-	-	18	14
10	Arecibo	1,257	151	8	3	1	4	5	-	1	-	49	69	8	25	260	233
11	Arecibo	655	59	6	3	1	4	2	-	1	-	39	25	5	16	120	115
12	Balance of municipality	602	92	2	-	-	-	3	-	-	-	10	44	3	9	140	118
13	Arroyo	179	14	7	-	-	-	-	-	1	-	3	10	2	4	39	32
14	Barceloneta	165	20	2	-	-	-	-	-	1	-	7	8	2	1	37	37
15	Barranquitas	144	19	-	-	1	1	4	-	-	-	3	4	1	1	29	25
16	Bayamon	807	87	8	1	8	4	8	-	1	-	25	42	9	19	131	107
17	Bayamon	216	32	2	1	-	-	-	-	-	-	4	16	3	5	43	34
18	Balance of municipality	591	55	6	-	9	4	9	-	-	1	21	26	6	14	88	73
19	Cabo Rojo	240	23	3	-	-	-	3	-	-	-	3	14	1	5	45	41
20	Caguas	668	104	5	-	2	2	5	-	-	1	9	44	4	5	118	100
21	Caguas	428	66	5	-	1	2	2	-	-	-	4	32	2	5	85	77
22	Balance of municipality	240	38	-	-	1	-	3	-	-	1	5	12	2	-	33	23
23	Camuy	236	25	2	-	-	-	2	-	-	-	1	9	-	-	40	34
24	Carolina	176	21	-	-	-	1	-	-	-	-	8	6	-	1	43	38
25	Cataño	145	22	-	-	1	-	3	-	-	-	1	13	-	3	33	27
26	Cayey	478	139	4	-	-	1	1	1	-	-	5	17	2	2	71	56
27	Cedra	36	4	1	-	-	-	-	-	-	-	-	1	1	-	7	6
28	Ciales	173	26	2	-	-	2	-	-	-	-	3	9	1	8	36	29
29	Cidra	153	21	-	-	-	-	-	-	-	-	1	2	1	1	23	22
30	Comoe	180	21	-	-	-	-	-	-	-	-	4	8	-	1	45	41
31	Comerio	140	23	3	-	-	-	7	-	-	-	2	6	-	-	32	31
32	Corozal	138	20	-	-	-	-	2	-	-	-	1	4	-	-	26	21
33	Culebra	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	Dorado	68	13	1	-	-	-	-	-	-	-	4	7	-	-	10	9
35	Fajardo	445	45	5	2	2	6	1	-	3	-	25	31	3	10	63	54
36	Guanica	148	12	-	-	1	-	-	-	-	-	3	3	3	20	20	
37	Guayama	362	76	3	-	-	1	-	-	-	-	8	17	3	-	46	40
38	Guayama	206	20	2	-	-	1	-	-	-	-	5	10	2	-	35	32
39	Balance of municipality	156	56	1	-	-	-	-	-	-	-	3	7	1	-	11	8
40	Guayanilla	141	15	-	-	-	-	5	-	-	-	2	10	1	-	26	25
41	Guaynabo	149	18	1	-	-	-	4	-	-	-	12	7	1	2	28	18
42	Gurabo	114	16	-	-	-	-	-	-	-	-	1	5	-	-	15	14
43	Hatillo	175	23	1	-	1	-	3	-	-	-	2	8	1	-	35	33
44	Hormigueros	69	2	-	-	-	-	4	-	-	-	3	1	-	-	10	8
45	Humacao	368	43	2	1	-	2	1	-	-	5	4	18	7	2	54	46
46	Isabela	304	28	1	1	-	-	2	-	-	-	18	12	-	1	61	49
47	Jayuya	164	16	2	-	-	-	8	-	-	-	7	6	-	-	30	24
48	Juana Diaz	288	34	1	-	1	1	6	-	-	-	12	19	2	2	33	21
49	Juncos	255	49	4	-	1	1	12	-	-	-	5	14	-	2	31	23
50	Lajas	117	8	1	-	-	-	4	-	-	2	3	7	-	-	15	14
51	Lares	400	44	-	1	4	-	1	-	1	-	10	11	1	7	72	46
52	Las Marias	89	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
53	Las Piedras	156	24	-	-	-	-	1	-	-	-	2	3	-	-	4	4
54	Loiza	249	28	4	-	2	-	10	-	-	-	11	13	2	40	32	
55	Luguillo	59	8	-	-	-	-	-	-	-	-	-	5	-	3	3	3
56	Mamati	324	54	2	-	-	-	2	-	-	-	2	22	1	77	68	
57	Murcio	107	15	-	-	-	-	2	-	-	-	2	1	-	16	9	
58	Munabo	118	4	-	-	1	1	1	3	-	-	4	3	-	5	5	
59	Mayaguez	1,162	217	6	3	2	21	21	-	2	25	72	8	10	212	160	
60	Mayaguez	677	66	3	-	2	1	7	-	1	17	49	7	8	158	117	
61	Balance of municipality	485	151	3	-	1	14	-	1	-	8	23	1	2	54	43	
62	Moca	191	13	-	-	-	-	1	-	-	-	1	7	-	-	10	9
63	Morovis	122	18	-	-	-	-	2	-	-	-	1	9	-	-	27	24
64	Naguabo	163	11	-	-	-	-	-	-	-	-	1	1	-	5	3	
65	Naranjito	91	14	-	-	-	-	1	-	-	-	2	3	-	19	19	
66	Orocovis	154	9	-	-	-	-	15	-	-	-	3	3	-	24	20	
67	Patillas	202	15	-	1	-	-	-	-	-	-	9	6	-	28	23	
68	Penuelas	141	2	-	-	-	-	2	-	-	-	2	1	-	8	5	
69	Ponce	1,724	233	16	3	8	8	2	1	1	21	127	5	2	399	370	
70	Ponce	1,303	193	15	6	2	7	4	2	1	15	105	4	2	317	296	
71	Balance of municipality	421	40	1	1	1	4	-	1	-	6	22	1	-	82	74	
72	Quebradillas	138	11	-	-	-	-	1	-	1	-	1	9	1	30	17	
73	Rincon	79	13	-	-	-	-	-	-	-	-	-	-	-	10	10	
74	Rio Grande	123	14	1	-	-	-	3	-	-	-	3	7	4	-	17	13
75	Rio Piedras	1,324	437	19	-	6	1	7	1	-	-	17	83	3	3	215	184
76	Rio Piedras	724	117	11	-	4	-	4	1	-	-	14	69	2	2	146	124
77	Balance of municipality	600	320	8	-	2	1	3	-	-	-	3	14	1	1	69	60
78	Sabana Grande	145	9	-	-	-	-	9	-	-	-	2	6	2	1	16	16
79	Salinas	232	23	-	-	-	3	2	-	-	-	4	8	3	3	40	34
80	San German	321	19	2	-	-	3	13	-	-	2	6	17	2	3	63	57
81	San Juan, coextensive with San Juan (city)	2,370	332	20	-	11	5	16	-	2	-	59	214	20	17	490	443
82	San Lorenzo	273	24	-	-	4	1	-	-	1	-	5	11	2	-	55	50
83	San Sebastian	382	37	-	-	-	-	3	1	-	-	9	16	2	1	67	60
84	Santa Isabel	157	10	-	-	-	-	-	-	1	-	9	11	-	-	18	15
85	Ton Alto	95	18	-	-	-	-	1	-	-	-	-	13	-	-	17	17
86	Ton Bajo	107	21	1	-	-	1	1	-	-	-	1	6	-	-	24	16
87	Trajillo Alto	65	13	1	-	1	-	-	-	1	-	2</					

AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 10,000 OR MORE, 1949

are category numbers of the Sixth Revision of the International Lists, 1949)

Vascular lesions affecting central nervous system	Rheumatic fever	Diseases of heart	Hypertension without mention of heart and general arteriosclerosis	Other diseases of circulatory system	Chronic and unspecified nephritis and other renal sclerosis	Influenza and pneumonia except pneumonia of newborn	Ulcer of stomach and duodenum	Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	Cirrhosis of liver	Acute nephritis and nephritis with edema, including nephrosis	Deliveries and complications of pregnancy, childbirth, and the puerperium	Congenital malformations	Symptoms, senility, and ill-defined conditions	Motors, accidents	All other accidents	Suicide	Homicide	All other causes		
330-334	400-402	410-443	444-450	451-468	532-594	480-493	540, 541	543, 571, 572	581	580, 591	640-689	750-759	780-795	E810-E835	E800-E802, E840-E862	E863, E870-E879	E864, E860-E865	Residual		
668	15	2,363	437	63	562	2,231	82	2,827	200	193	199	317	2,195	203	498	389	225	3,800	1	
3	-	22	7	-	2	17	-	26	2	1	1	4	23	2	-	3	2	61	2	
4	-	10	1	-	6	22	-	60	1	-	1	2	58	1	1	-	-	51	3	
27	1	70	14	5	3	58	5	98	7	14	14	14	43	8	19	10	9	144	4	
17	1	30	4	2	2	28	5	35	7	13	14	11	15	7	12	3	8	111	5	
10	-	40	10	3	1	30	-	63	-	-	-	-	28	1	7	7	1	33	6	
3	-	9	16	-	1	23	-	29	2	1	2	4	4	1	1	2	1	21	7	
7	-	17	9	6	2	24	-	13	5	-	1	2	24	-	1	2	2	27	8	
-	-	10	3	1	4	37	1	73	1	6	1	6	10	1	3	1	3	35	9	
34	1	173	15	10	27	111	10	159	9	16	14	25	17	23	25	32	18	214	10	
19	1	76	11	8	5	43	10	51	6	9	13	15	11	17	16	22	12	149	11	
15	-	97	4	2	22	68	-	108	3	7	1	10	6	6	9	10	6	65	12	
6	-	22	3	1	7	9	1	10	2	-	-	-	31	1	5	2	-	38	13	
5	-	31	1	-	-	35	-	15	-	-	-	-	10	-	3	-	-	21	14	
4	1	19	1	-	4	16	-	10	-	-	-	-	25	1	-	2	2	21	15	
17	-	74	12	4	24	65	2	59	6	2	17	17	26	27	33	19	12	179	16	
3	-	24	7	-	9	13	-	26	2	2	3	3	8	5	5	2	2	41	17	
14	-	50	5	4	15	52	2	33	4	1	14	14	18	22	29	17	10	150	18	
6	-	53	2	4	4	20	-	23	3	2	1	1	34	6	1	5	2	47	19	
19	-	64	15	2	18	83	3	74	15	9	11	7	40	12	11	15	5	84	20	
15	-	47	13	2	8	43	3	45	12	4	9	5	13	6	8	11	5	60	21	
4	-	17	2	-	10	40	-	29	3	5	2	2	27	6	3	4	2	24	22	
9	-	24	2	1	6	35	1	46	3	1	2	2	29	1	3	2	2	29	23	
1	-	16	21	5	5	22	-	30	-	1	1	-	9	3	4	-	2	23	24	
9	-	15	3	6	6	19	-	21	1	1	1	2	6	3	-	-	2	16	25	
20	-	30	5	1	15	19	4	48	4	2	1	2	63	3	11	5	4	50	26	
2	-	4	4	-	1	3	-	6	2	2	-	-	4	-	-	-	-	5	27	
12	-	13	4	-	7	20	1	17	1	1	1	1	11	1	2	4	4	21	28	
4	-	14	4	-	1	13	-	21	-	-	1	-	37	1	2	2	3	24	29	
8	-	29	4	-	4	10	1	24	2	1	-	-	20	1	3	2	1	37	30	
7	-	18	4	1	1	18	-	21	1	3	3	1	-	1	2	1	1	15	31	
5	-	15	-	1	5	24	-	10	2	2	1	2	11	1	1	3	2	29	32	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	33
2	-	6	1	1	1	2	2	13	2	2	1	1	2	1	1	1	1	10	34	
8	2	41	2	1	9	32	5	19	4	4	14	4	4	14	12	11	11	116	35	
4	-	16	-	-	-	20	-	25	2	-	3	3	26	4	4	2	2	21	36	
10	1	29	-	-	6	30	2	70	2	3	2	2	32	3	4	4	7	43	37	
7	-	25	-	-	3	23	2	46	2	2	2	2	17	5	3	3	5	24	38	
3	1	4	-	-	3	7	-	24	1	3	-	-	15	2	1	1	2	19	39	
3	-	18	3	1	1	13	-	25	1	1	2	2	9	1	1	1	1	29	40	
10	-	5	3	-	10	7	-	19	2	-	1	4	15	4	3	4	1	19	41	
3	-	4	7	-	1	24	-	14	3	3	2	2	15	2	2	2	1	12	42	
3	-	30	1	-	2	18	1	40	1	1	1	3	40	2	2	4	4	28	43	
13	-	5	7	-	2	10	2	18	1	6	2	2	5	1	1	2	2	57	44	
3	-	41	5	-	12	22	-	60	3	2	1	1	8	6	6	5	5	69	46	
1	-	20	2	1	6	19	1	22	1	-	-	-	9	1	-	-	1	39	47	
9	-	11	1	1	12	22	-	24	6	1	3	3	39	2	6	4	4	68	48	
6	-	16	1	-	8	44	-	9	-	14	15	-	28	1	2	2	1	17	49	
1	-	12	1	1	12	22	-	24	6	1	1	1	39	2	6	3	3	68	48	
1	-	12	1	1	8	44	-	9	-	-	-	-	28	1	2	2	1	17	49	
11	-	12	1	1	12	22	-	24	6	1	1	1	39	2	6	3	3	68	48	
-	-	33	1	1	26	50	1	49	4	4	4	3	50	1	5	1	1	15	50	
-	-	1	-	-	-	3	-	-	-	-	-	-	62	-	1	2	2	-	52	52
1	-	1	1	-	1	3	-	72	-	-	-	-	20	-	1	1	1	2	53	53
11	1	16	4	-	8	16	1	44	-	-	-	-	16	1	2	2	2	52	54	
-	-	3	-	-	5	5	-	7	-	-	-	-	16	-	-	-	-	13	55	55
11	1	45	10	1	9	37	-	26	2	3	4	7	10	6	7	4	4	46	56	56
2	-	6	1	-	7	17	1	11	1	1	-	-	10	1	1	1	1	20	57	57
2	-	3	-	-	2	2	-	2	1	1	1	1	79	3	3	1	1	7	58	58
38	1	93	26	2	52	150	7	179	7	7	11	5	15	16	16	17	8	151	59	59
26	1	67	21	2	41	86	4	100	3	3	9	2	5	11	11	12	8	110	60	60
12	-	26	5	-	11	64	3	79	4	6	2	2	10	7	5	2	2	41	61	61
1	-	7	1	-	1	5	-	3	1	-	-	-	156	1	1	1	1	11	62	62
6	-	17	1	-	1	11	-	13	1	1	1	1	11	1	3	-	1	23	63	63
1	-	2	2	-	2	6	-	1	2	1	1	1	126	1	1	1	1	15	64	64
1	-	14	1	-	1	11	-	5	1	-	-	-	18	1	1	1	1	15	65	65
8	-	17	2	1	18	18	-	7	3	3	1	1	45	2	2	1	1	18	66	66
3	1	14	1	-	10	2	1	27	1	1	2	2	51	2	3	1	1	36	67	67
40	1	71	1	-	3	2	-	3	-	-	-	-	109	-	-	-	-	8	68	68
31	1	251	75	3	29	169	9	226	23	4	21	24	28	18	35	34	20	261	69	69
9	1	203	58	3	21	125	6	159	16	5	18	3	18	12	27	24	20	198	70	70
1	-	48	17	-	8	64	3	89	1	1	3	-	10	4	1	10	-	65	71	71
1	-	16	8	-	13	26	-	21	5	2	2	-	2	1	2	2	-	24	72	72
1	-	8	1	-	5	5	-	19	-	1	-	-	27	1	4	-	-	21	73	73
2	-	10	1	-	4	12	-	19	-	1	-	-	14	2	7	-	-	16	74	74
34	2	127	18	3	31	77	2	117	4	3	12	6	63	16	26	31	10	169	75	75
25	2	83	13	1	22	49	1	71	1	1	-	9	38	15	15	23	6	119	76	76
9	-	44	5	2	9	28	-	46	-	-	-	3	25	11	8	4	4	50	77	77
4	-	7	5	-	18	17	-	17	2	2	1	2	33	2	1	1	1	24	78	78
4	-	27	5	2	6	17	-	52	3	2	1	2	10	1	7	3	4	44	79	79
12	-	35	8	-	6	54	-	40	4	4	2	2	7	4	10	3	3	53	80	80
92	2	303	38	8	47	136	7	166	35	28	17	36	64	17	107	45	29	497	81	81
9	-	24	18	1	5	25	-	58	-	7	5	6	6	-	1	9	3	55	82	82
11	4	45	2	2	49	7	1	44	3	3	2	2	78	1	3	12	2	43	83	83
4	3	8	3	3	7	36	1	36	1	1	1	4	27	1	4	1	-	26	84	84
5	-	11	3	3	7	4	-	4	-	-	-	-	30	-	-	-	-	12	85	85
5	-	11	3	3	7	4	-	4	-	-	-	-	3	-	3	-	1	21	86	86
5	-	16	3	3	8	6	-	5	-	-	-	-	3	-	3	-				

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY RACE, AND SEX: PUERTO RICO, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1949. Causes for which there were no deaths are not shown)

CAUSE OF DEATH	Total	WHITE		NONWHITE		CAUSE OF DEATH	Total	WHITE		NONWHITE	
		Male	Female	Male	Female			Male	Female	Male	Female
ALL CAUSES-----	23,369	9,997	9,054	2,314	2,024						
I.—Infective and parasitic diseases---	4,329	1,693	1,705	460	471	II.—Neoplasms—Continued					
Tuberculosis, all forms-----001-019	3,201	1,236	1,260	339	366	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues—Continued					
Tuberculosis of respiratory system-----001-008	3,019	1,154	1,195	324	346	Malignant neoplasm of urinary organs-----190,191	53	31	14	6	2
Tuberculosis of meninges and central nervous system-----010	116	56	40	11	9	Of kidney-----190	18	9	7	2	-
Tuberculosis of intestines, peritoneum, and mesenteric glands-----011	20	8	6	1	5	Of bladder and other urinary organs-----191	35	22	7	4	2
Tuberculosis of vertebral column-----012.0,013.0	3	1	1	-	1	Malignant neoplasm of other and unspecified sites-----156B,165,190-199	98	36	45	12	7
Tuberculosis of other bones and joints-----012.1-012.5,013.1-013.3	4	-	2	1	1	Of skin-----190,191	19	9	7	3	-
Tuberculosis of lymphatic system and other organs-----014,015,017,018	15	8	8	1	-	Of eye-----192	5	3	1	1	-
Disseminated tuberculosis-----019	24	11	8	1	4	Of brain and other parts of nervous system-----193	2	1	1	-	-
Syphilis and its sequelae-----020-029	163	78	41	30	14	Of thyroid gland-----194	1	-	-	-	1
Congenital syphilis-----020	48	21	14	8	5	Of bone (including jaw bone)-----196	17	11	5	1	-
Aneurysm of aorta-----022	27	17	4	3	3	Of other specified sites, not stated to be secondary-----195,198A,199A	30	9	15	5	1
Other cardiovascular syphilis-----023	34	19	8	6	-	Of unspecified site-----156B,165,198B,199B-H	24	3	14	2	5
Typhus febrilis-----024	5	3	2	-	-	Leukemia and leukoemia-----204	40	19	20	1	-
General paralysis of insane-----025	10	5	2	2	1	Lymphosarcoma, etc.*-----200,203,205	16	8	5	1	2
Other syphilis of central nervous system-----026	17	8	3	4	2	Lymphosarcoma and reticulosarcoma-----200	4	2	1	-	1
Other syphilis-----027-029	22	5	7	7	3	Hodgkin's disease-----201	10	4	4	1	1
Gonococcal infection-----030-035	1	1	-	-	-	Other neoplasms of lymphatic and hematopoietic tissues-----202,203,205	2	2	-	-	-
Typhoid fever-----040	18	5	10	3	-	Benign neoplasms and neoplasms of unspecified nature-----210-239	92	39	37	11	5
Brucellosis (undulant fever)-----044	1	1	-	-	-	Benign neoplasms of female genital organs-----21A-217	6	...	5	...	1
Dysentery, all forms-----045-048	62	22	22	10	8	Benign neoplasm of brain and other parts of nervous system-----223	1	1	-	-	-
Streptococcal sore throat-----051	1	1	-	-	-	Other benign neoplasms-----210-213,218-222,224-229	8	3	4	1	-
Septicemia and pyemia-----053	26	13	8	2	3	Neoplasm of unspecified nature of female genital organs-----233-235	6	...	6	...	-
Diphtheria-----055	57	25	24	4	4	Neoplasm of unspecified nature of brain, etc.*-----237	22	7	10	4	1
Whooping cough-----056	243	82	118	21	22	Other neoplasms of unspecified nature-----230-232,236,238,239	49	28	13	6	3
Meningococcal infections-----057	10	3	4	2	1	III.—Allergic, endocrine system, metabolic, and nutritional diseases	707	286	320	54	67
Leprosy-----060	3	3	-	-	-	Asthma-----241	187	54	84	11	18
Tetanus-----061	133	58	48	15	14	Thyrotoxicosis with or without goiter-----252	3	-	2	-	1
Acute poliomyelitis-----080	10	5	4	1	-	Diabetes mellitus-----280	118	38	60	8	12
Acute infectious encephalitis-----082	3	-	2	1	-	Diseases of thyroid gland-----275	5	4	-	-	1
Measles-----085	24	10	11	2	1	Diseases of adrenal glands-----274	1	-	-	-	1
Infectious hepatitis-----092	15	9	5	1	-	Pellagra-----281	9	4	3	1	1
Typhus, etc.,* and other rickettsial diseases-----100-105,105-108	1	-	-	-	1	All other avitaminoses and nutritional deficiency states-----290,282-286	396	161	169	34	32
Malaria-----110-117	94	44	33	7	10	Other allergic, endocrine, and metabolic diseases-----Residual	8	5	2	-	1
Schistosomiasis-----123	13	10	1	2	-	IV.—Diseases of the blood and blood-forming organs-----	250	93	107	24	26
Filariasis-----127	9	7	8	-	1	Anemias-----290-293	235	84	102	23	26
Ankylostomiasis-----129	35	17	10	5	3	Pernicious and other hyperchromic anemias-----290	100	36	41	10	13
Other diseases due to helminths-----124,126,128,130	179	59	88	12	20	Anemias of other and unspecified type-----291-293	135	48	61	13	13
All other infective and parasitic diseases-----Residual	27	11	8	5	3	Purpura and other hemorrhagic conditions-----296	3	-	3	-	-
II.—Neoplasms-----	1,404	563	579	132	130	All other diseases of blood and blood-forming organs-----294,295,297-299	12	9	2	1	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	1,312	524	542	121	125	V.—Mental, psychoneurotic, and personality disorders-----	51	24	13	11	3
Malignant neoplasm of buccal cavity and pharynx-----140-148	58	31	14	7	6	Senile psychosis-----304	4	1	3	-	-
Of tongue-----141	14	9	3	1	1	Alcoholic psychosis-----307	3	3	-	-	-
Of other and unspecified parts of buccal cavity-----142-144	15	4	5	2	4	Other psychoses-----300-303,305,306,308,309	15	4	6	2	3
Of pharynx-----145-148	29	18	6	4	1	Alcoholism-----322	25	14	2	9	-
Malignant neoplasm of digestive organs and peritoneum-----150-156A,157-159	628	308	201	74	45	Mental deficiency-----325	3	2	1	-	-
Of esophagus-----150	68	39	14	10	5	Psychoneuroses and other disorders of personality-----310-321,323,324,326	1	-	1	-	-
Of stomach-----151	382	192	116	47	27	VI.—Diseases of the nervous system and sense organs-----	1,019	442	378	115	84
Of intestine, except rectum-----152,153	49	17	26	5	1	Vascular lesions affecting central nervous system-----330-334	668	272	255	78	63
Of rectum-----154	17	4	5	4	4	Subarachnoid hemorrhage-----330	8	3	3	1	1
Of biliary passages and of liver (stated to be primary site)-----155	9	6	1	1	1	Cerebral hemorrhage-----331	571	227	222	69	53
Of liver not specified whether primary or secondary-----156A	61	30	24	4	3	Cerebral embolism and thrombosis-----332	36	20	9	3	4
Of pancreas-----157	30	15	11	2	2	Other vascular lesions affecting central nervous system-----333,334	53	22	21	5	5
Of peritoneum and of unspecified digestive organs-----158,159	12	5	4	1	2	Meningitis, except meningococcal and tuberculous-----340	163	81	59	16	7
Malignant neoplasm of respiratory system-----160-164	93	53	25	9	6	Multiple sclerosis-----345	1	1	-	-	-
Of larynx-----161	42	22	12	5	3	Paralysis agitans-----350	4	2	-	2	-
Of trachea, and of bronchus and lung specified as primary-----162	10	8	1	1	-	Cerebral spastic infantile paralysis-----351	5	4	1	-	-
Of lung and bronchus, unspecified as to whether primary or secondary-----163	32	18	10	2	2	Epilepsy-----353	70	33	24	7	6
Of other parts of respiratory system-----160,164	9	5	2	1	1	Inflammatory diseases of eye-----370-379	1	1	-	-	-
Malignant neoplasm of breast-----170	38	-	31	-	7	Otitis media and mastoiditis-----391-393	12	5	5	-	2
Malignant neoplasm of genital organs-----171-179	288	38	189	11	50	Other diseases of nervous system and sense organs-----Residual	95	43	34	12	6
Of cervix uteri-----171	57	...	43	...	14						
Of other and unspecified parts of uterus-----172-174	171	...	137	...	34						
Of ovary, fallopian tube, and broad ligament-----175	7	...	6	...	1						
Of other and unspecified female genital organs-----176	4	...	3	...	1						
Of prostate-----177	42	33	...	9	...						
Of testis, and of other and unspecified male genital organs-----178,179	7	5	...	2	...						

*For complete category title, refer to table XIII.

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY RACE, AND SEX; PUERTO RICO, 1949—Continued

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes for which there were no deaths are not shown)

CAUSE OF DEATH	Total	WHITES		NONWHITES		CAUSE OF DEATH	Total	WHITES		NONWHITES	
		Male	Female	Male	Female			Male	Female	Male	Female
VII.—Diseases of the circulatory system						X.—Diseases of the genito-urinary system—Continued					
Rheumatic fever—400-402	15	5	8	2	—	Hyperplasia of prostate—610	17	11	—	6	—
Diseases of heart—410-445	2,363	989	908	240	226	Other diseases of male genital organs—611-617	7	5	—	2	—
Chronic rheumatic heart disease—410-416	107	42	42	11	12	Diseases of breast—620,621	1	—	—	—	1
Diseases of mitral valve—410	69	32	23	6	8	Diseases of female genital organs—622-637	15	—	12	—	3
Diseases of pulmonary valve, etc.,* specified as rheumatic—415,414	5	—	3	1	1	XI.—Deliveries and complications of pregnancy, childbirth, and the puerperium—					
Other diseases of heart specified as rheumatic—415,416	33	10	16	4	3	199					
Arteriosclerotic heart disease, including coronary disease—420	615	304	209	62	40	Sepsis of pregnancy, childbirth, and puerperium—640,641,681,682,694					
Arteriosclerotic heart disease so described—420.0	117	55	40	11	11	41					
Heart disease specified as involving coronary arteries—420.1	475	238	165	47	27	Toxemia of pregnancy and puerperium, etc.*—642,695,696					
Angina pectoris without mention of coronary disease—420.2	23	11	6	4	2	81					
Chronic endocarditis not specified as rheumatic—421	133	53	55	11	14	Hemorrhage of pregnancy and childbirth—643,644,670-672					
Of aortic valve, not specified as rheumatic—421.1	34	22	6	2	4	4					
Of other valves, not specified as rheumatic—421.2-421.4	99	31	49	9	10	Ectopic pregnancy—645					
Other myocardial degeneration—422	811	350	355	66	80	4					
With arteriosclerosis—422.1	181	76	79	8	18	Abortion without mention of sepsis or toxemia—650					
Without mention of arteriosclerosis—422.0,422.2	630	254	256	58	62	9					
Other diseases of heart—430-434	376	140	150	49	37	Other complications of pregnancy, childbirth, and puerperium—Residual					
Acute and subacute endocarditis—430	8	4	1	3	—	39					
Acute myocarditis not specified as rheumatic—431	9	3	4	1	1	XII.—Diseases of the skin and cellular tissue—					
Functional disease of heart—433	47	18	22	3	4	41					
Other and unspecified diseases of heart—434	312	115	123	42	32	Infections of skin and subcutaneous tissue—690-699					
Hypertension with heart disease—440-445	321	120	117	41	43	9					
Hypertensive heart disease with arteriolar nephrosclerosis—442	134	48	55	13	18	Other diseases of skin and subcutaneous tissue—700-716					
Essential hypertension with heart disease, etc.*—440,441,445	187	72	62	28	25	35					
Hypertension without mention of heart—444-447	84	26	34	14	10	XIII.—Diseases of the bones and organs of movement—					
Hypertension with arteriolar nephrosclerosis, etc.*—446	20	8	8	3	1	16					
Essential hypertension, other hypertensive disease, etc.*—444,445,447	64	18	26	11	9	Arthritis and spondylitis—720-725					
Diseases of arteries—450-456	389	160	141	35	53	15					
General arteriosclerosis—450	353	144	129	30	50	4					
Aortic aneurysm specified as nonmyphilitic, etc.*—451	3	1	1	1	—	Muscular rheumatism and rheumatism, unspecified—726,727					
Gangrene of unspecified cause—455	22	9	8	3	2	4					
Other arterial diseases—452-454,456	11	6	3	1	1	Osteomyelitis and periostitis—730					
Diseases of veins and other diseases of circulatory system—460-468	27	13	12	1	1	All other diseases of musculoskeletal system—731-736,738-744					
VIII.—Diseases of the respiratory system						XIV.—Congenital malformations—					
2,525						317					
Acute upper respiratory infections—470-475	11	4	6	1	—	Spina bifida and meningocele—751					
Influenza—480-483	316	124	133	25	34	50					
Pneumonia, except pneumonia of newborn—490-493	1,915	797	835	153	130	Congenital hydrocephalus, etc.*—752,753					
Lober pneumonia—490	201	83	74	25	19	10					
Bronchopneumonia—491	1,195	500	535	87	73	Congenital malformations of circulatory system—754					
Primary atypical pneumonia—492	26	7	16	2	1	170					
Pneumonia, other and unspecified—493	493	207	210	39	37	87					
Acute bronchitis—500	63	27	24	6	6	Other congenital malformations—750,755-759					
Bronchitis, chronic and unqualified—501,502	119	48	55	8	8	1,875					
Hypertrophy of tonsils and adenoids—510	4	3	1	—	—	Birth injuries—760,761					
Empyema and abscess of lung—518,521	12	9	2	—	1	173					
Pleurisy—519	8	4	3	1	—	174					
All other respiratory diseases—Residual	77	27	35	11	4	338					
IX.—Diseases of the digestive system—						XV.—Certain diseases of early infancy—					
3,412						1,875					
Diseases of teeth and supporting structures—530-535	2	—	2	—	—	Ill-defined diseases of newborn (erythroblastosis)—770					
Ulcer of stomach—540	70	42	15	10	3	All other defined diseases of early infancy—769,771,772					
Ulcer of duodenum—541	12	9	1	2	—	161					
Gastritis and duodenitis—543	19	4	12	1	2	Ill-defined diseases peculiar to early infancy, and immaturity unqualified—773-776					
Appendicitis—550-553	34	17	9	6	2	988					
Hernia and intestinal obstruction—560,561,570	99	41	31	20	7	XVI.—Symptoms, senility, and ill-defined conditions—					
Gastro-enteritis and colitis, except diarrhea of newborn—571,572	2,808	1,208	1,143	215	245	2,195					
Cirrhosis of liver—581	200	105	53	31	11	Senility without mention of psychosis—794					
Without mention of alcoholism—581.0	167	84	51	21	11	521					
With alcoholism—581.1	33	21	2	10	—	Symptoms, ill-defined and unknown causes—780-793,795					
Cholelithiasis and cholecystitis—584,585	13	3	8	1	1	1,674					
Other diseases of digestive system—Residual	155	81	54	16	4	XVII.—Accidents, poisonings, and violence—					
X.—Diseases of the genito-urinary system						Accidents—E800-E862					
837						701					
Nephritis and nephrosis—580-584	755	303	287	100	65	Railway accidents—E800-E802					
Acute nephritis—580	125	44	55	14	12	16					
Nephritis with edema, including nephrosis—581	68	30	29	6	3	Motor-vehicle accidents—E810-E835					
Chronic and unspecified nephritis and other renal sclerosis—582-584	562	229	203	80	50	203					
Infections of kidney—600	22	11	7	2	2	201					
Calculi of urinary system—602,604	6	4	2	—	—	Motor-vehicle traffic accident, with railway train—E810					
Other diseases of urinary system—601,603,605-609	14	12	—	1	1	2					
						Motor-vehicle traffic accident to pedestrian—E812					
						73					
						Other motor-vehicle traffic accidents, etc.*—E811,E815-E819					
						30					
						Motor-vehicle noncollision traffic accidents—E820-E824					
						36					
						Motor-vehicle traffic accident of unspecified nature—E825					
						60					
						Motor-vehicle nontraffic accidents—E830-E835					
						2					
						Other road-vehicle accidents—E840-E845					
						14					
						Water-transport accidents—E850-E858					
						2					
						Aircraft accidents—E860-E866					
						47					
						Accidental poisoning by solid and liquid substances—E870-E898					
						30					
						Accidental poisoning by gases and vapors—E890-E895					
						5					
						Accidental falls—E900-E904					
						32					
						Fall from one level to another—E900-E902					
						41					
						Fall on same level—E903					
						11					
						Unspecified falls—E904					
						40					
						Blow from falling object—E910					
						10					
						Accident caused by machinery—E912					
						7					
						Accident caused by electric current—E914					
						15					

*For complete category title, refer to table XIII.

VITAL STATISTICS OF THE UNITED STATES

TABLE 9.—DEATHS FROM 254 SELECTED CAUSES, BY RACE, AND SEX: PUERTO RICO, 1949—Continued

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes for which there were no deaths are not shown)

CAUSE OF DEATH	Total	WHITE		NONWHITE		CAUSE OF DEATH	Total	WHITE		NONWHITE	
		Male	Female	Male	Female			Male	Female	Male	Female
XVII.—Accidents, poisonings, and violence—Continued						XVII.—Accidents, poisonings, and violence—Continued					
Accidents—Continued						Suicide—E963, E970-E979	389	254	65	53	17
Accident caused by fire and explosion, etc.*—E916	33	11	18	2	2	Suicide by poisoning—E970-E973	148	81	31	26	10
Accident caused by hot substance, etc.*—E917, E918	16	4	7	1	4	Suicide by hanging and strangulation—E974	122	82	20	17	3
Accident caused by firearm—E919	17	12	2	2	1	Suicide by firearms and explosives—E976	77	67	3	7	-
Inhalation and ingestion of food or other object, etc.*—E921, E922	17	7	5	2	3	Suicide by all other means—E963, E975, E977-E979	42	24	11	3	4
Accidental drowning—E929	106	70	17	15	4	Homicide—E964, E960-E965	225	131	32	47	15
Complications due to nontherapeutic medical and surgical procedures, therapeutic misadventure, etc.*—E940-E959	5	5	1	-	1	Assault by firearms and explosives—E981	86	40	16	24	6
All other accidents—Residual	66	41	13	8	4	Assault by cutting and piercing instruments—E982	99	63	10	17	9
						Assault by other means—E964, E960, E965	40	26	6	6	-

*For complete category title, refer to table XIII.

TABLE 10.—DEATHS UNDER 1 YEAR, BY DETAILED AGE, RACE, AND SEX: PUERTO RICO, 1949

(Exclusive of fetal deaths)

AGE	Total	ALL RACES		WHITE		NONWHITE	
		Male	Female	Male	Female	Male	Female
UNDER 1 YEAR—	5,797	3,224	2,573	2,777	2,243	447	330
Under 1 day—	637	389	248	336	213	55	35
1 day—	253	149	104	132	88	17	16
2 days—	215	143	72	123	66	20	6
3 days—	202	125	77	108	71	16	6
4 days—	128	82	46	71	40	11	6
5 days—	86	50	36	40	31	10	5
6 days—	68	34	34	33	30	1	4
7-13 days—	316	182	134	149	121	33	13
14-20 days—	204	103	101	91	94	12	7
21-27 days—	158	87	71	74	65	13	6
Under 28 days—	2,267	1,344	923	1,158	819	186	104
28-59 days—	568	331	237	290	203	41	34
2 months—	464	257	207	225	184	32	23
4 months—	404	213	191	172	159	41	32
5 months—	349	176	173	154	143	22	30
6 months—	285	162	121	145	107	17	14
7 months—	272	159	113	136	89	23	14
8 months—	269	128	141	115	126	13	15
9 months—	282	125	159	105	125	18	14
10 months—	284	154	130	109	108	25	22
11 months—	202	102	100	85	83	17	17
	193	95	98	83	87	12	11

SUPPLEMENT-PUERTO RICO

TABLE 11.—DEATHS UNDER 1 YEAR AND UNDER 28 DAYS, FROM 45 SELECTED CAUSES, BY RACE:
PUERTO RICO, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948)

CAUSE OF DEATH	ALL RACES			WHITE			NONWHITE		
	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months
ALL CAUSES	5,797	2,267	3,530	5,020	1,977	3,043	777	290	487
Tuberculosis, all forms	57	-	57	48	-	48	9	-	9
Syphilis and its sequelae	41	28	13	29	21	8	12	7	5
Dysentery, all forms	22	3	19	19	3	15	3	-	3
Whooping cough	143	6	137	116	4	112	27	2	25
All other infective and parasitic diseases	105	31	74	95	29	64	12	2	10
Diseases of thymus gland	4	-	4	3	-	3	1	-	1
Meningitis, except meningococcal and tuberculous	59	2	57	55	1	52	6	1	5
All other diseases of nervous system and sense organs	19	4	15	16	4	12	3	-	3
Influenza and pneumonia, except pneumonia of newborn	717	15	702	639	12	627	78	3	75
Influenza	85	15	68	73	12	61	10	3	7
Pneumonia, except pneumonia of newborn	634	...	634	566	...	566	68	...	68
All other diseases of respiratory system	104	25	81	84	21	73	10	2	8
Hernia and intestinal obstruction	22	7	15	16	6	12	4	1	3
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	1,535	5	1,530	1,306	5	1,301	229	-	229
All other diseases of digestive system	52	8	44	47	5	42	5	3	2
Congenital malformations	294	189	95	257	174	85	27	15	12
Spina bifida and meningocele	44	24	20	41	23	18	3	1	2
Congenital malformations of circulatory system	147	101	46	133	94	39	14	7	7
All other congenital malformations	93	64	29	85	57	26	10	7	3
Certain diseases of early infancy	1,875	1,650	225	1,612	1,418	194	263	232	31
Birth injuries	173	171	2	146	145	1	27	26	1
Without mention of immaturity (.0)	145	143	2	124	123	1	21	20	1
With immaturity (.5)	28	28	-	22	22	-	6	6	-
Intracranial and spinal injury at birth	85	85	-	73	73	-	12	12	-
Without mention of immaturity (.0)	76	76	-	67	67	-	9	9	-
With immaturity (.5)	9	9	-	6	6	-	3	3	-
Other birth injury	88	86	2	73	72	1	15	14	1
Without mention of immaturity (.0)	69	67	2	57	56	1	12	11	1
With immaturity (.5)	19	19	-	16	16	-	3	3	-
Postnatal asphyxia and atelectasis	174	166	8	153	145	8	21	21	-
Without mention of immaturity (.0)	143	136	7	126	119	7	17	17	-
With immaturity (.5)	31	30	1	27	26	1	4	4	-
Pneumonia of newborn	169	169	...	151	151	...	18	18	...
Without mention of immaturity (.0)	149	149	...	135	135	...	14	14	...
With immaturity (.5)	20	20	...	16	16	...	4	4	...
Diarrhea of newborn	163	163	...	158	158	...	25	25	...
Without mention of immaturity (.0)	153	153	-	129	129	-	24	24	-
With immaturity (.5)	10	10	-	9	9	-	1	1	-
Other infections of newborn	6	6	-	5	5	-	1	1	-
Without mention of immaturity (.0)	4	4	-	4	4	-	-	-	-
With immaturity (.5)	2	2	-	1	1	-	1	1	-
Neonatal disorders arising from maternal toxemia	7	7	-	6	6	-	1	1	-
Without mention of immaturity (.0-.4)	1	1	-	1	1	-	-	-	-
With immaturity (.5-.9)	6	6	-	5	5	-	1	1	-
Hemolytic disease of newborn (erythroblastosis)	41	39	2	35	33	2	6	6	-
Without mention of immaturity (.0-.2)	40	38	2	34	32	2	6	6	-
With immaturity (.5-.7)	1	1	-	1	1	-	-	-	-
Hemorrhagic disease of newborn	30	30	-	26	26	-	4	4	-
Without mention of immaturity (.0)	25	25	-	22	22	-	3	3	-
With immaturity (.5)	5	5	-	4	4	-	1	1	-
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment	731	554	177	633	492	151	90	72	26
Without mention of immaturity (.0)	547	391	156	468	337	131	79	54	25
With immaturity (.5)	184	163	21	165	145	20	19	18	1
Immaturity with mention of any other subsidiary condition	36	20	16	35	20	15	1	-	1
Immaturity unqualified	345	325	20	294	267	17	61	58	3
Symptoms and ill-defined conditions	568	270	298	511	252	259	57	18	39
All other diseases	156	14	142	132	12	120	24	2	22
Accidents	33	12	21	26	10	16	7	2	5
Inhalation and ingestion of food or other object causing obstruction or suffocation	10	6	4	8	6	2	2	-	2
Accidental mechanical suffocation in bed and cradle	-	-	-	-	-	-	-	-	-
All other accidental causes	23	6	17	18	4	14	5	2	3
Homicide	1	-	1	1	-	1	-	-	-

VIRGIN ISLANDS

TABLE 1.—LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, AND FETAL DEATHS, BY RACE, SEX, AND MONTH: VIRGIN ISLANDS, 1949

(Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

RACE AND SEX	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LIVE BIRTHS													
ALL RACES-----	886	78	61	61	65	69	65	69	72	65	80	66	72
Male-----	440	37	28	32	29	28	40	32	32	44	40	59	39
Female--	446	41	33	29	36	31	45	37	40	41	40	40	33
White-----	40	2	2	3	3	3	3	6	2	2	4	6	4
Male-----	16	-	-	1	3	3	1	1	-	1	2	2	2
Female--	24	2	2	2	-	-	2	5	2	1	2	4	2
Negro-----	720	56	50	51	54	51	65	55	59	75	63	60	61
Male-----	366	28	23	28	23	23	32	26	27	40	34	50	32
Female--	354	28	27	23	31	28	33	29	32	35	29	30	29
Mixed ¹ and other-----	126	20	9	7	8	5	17	8	11	8	13	7	5
Male-----	58	9	5	3	3	2	7	5	5	3	4	7	5
Female--	68	11	4	4	5	3	10	3	6	5	9	6	2
DEATHS (ALL AGES)													
ALL RACES-----	362	23	26	29	29	39	28	33	26	36	31	27	35
Male-----	191	13	16	18	15	19	13	16	17	17	15	14	18
Female--	171	10	10	11	14	20	15	17	9	19	16	13	17
White-----	25	3	1	2	3	4	1	1	2	2	3	1	2
Male-----	15	1	-	2	1	4	-	-	2	-	1	-	2
Female--	10	2	-	-	2	-	1	1	-	2	2	-	-
Negro-----	298	17	23	22	20	32	24	30	21	28	26	24	31
Male-----	180	10	15	13	10	15	10	15	12	14	12	12	14
Female--	148	7	10	9	10	17	14	15	9	14	14	12	17
Mixed ¹ and other-----	39	3	2	5	6	3	3	2	3	6	2	2	2
Male-----	26	2	-	3	4	-	1	1	3	3	2	2	2
Female--	13	1	-	2	2	3	2	1	3	3	-	-	-
DEATHS UNDER 1 YEAR													
ALL RACES-----	80	3	2	4	6	7	4	12	6	11	6	11	8
Male-----	49	2	2	4	5	4	2	7	4	7	2	5	5
Female--	31	1	-	-	1	3	2	5	2	4	4	6	3
White-----	2	-	-	-	-	1	-	-	-	-	-	1	-
Male-----	1	-	-	-	-	1	-	-	-	-	-	-	-
Female--	1	-	-	-	-	-	-	-	-	-	-	-	-
Negro-----	64	3	1	4	2	6	3	11	4	9	5	8	8
Male-----	35	2	1	4	1	3	1	6	2	6	1	3	5
Female--	29	1	-	-	1	3	2	5	2	3	4	5	3
Mixed ¹ and other-----	14	-	1	-	4	-	1	1	2	2	1	2	-
Male-----	13	-	1	-	4	-	1	1	2	1	1	2	-
Female--	1	-	-	-	-	-	-	-	-	1	-	-	-
FETAL DEATHS													
ALL RACES-----	20	-	1	1	3	4	-	2	2	-	2	4	1
Male-----	12	-	1	-	-	3	-	1	1	-	2	3	1
Female--	8	-	-	1	3	1	-	1	1	-	-	1	-
White-----	1	-	-	-	-	-	-	-	-	-	-	1	-
Male-----	1	-	-	-	-	-	-	-	-	-	-	1	-
Female--	-	-	-	-	-	-	-	-	-	-	-	-	-
Negro-----	18	-	1	1	3	4	-	2	2	-	2	2	1
Male-----	11	-	1	-	3	-	-	1	1	-	2	2	1
Female--	7	-	-	1	3	1	-	1	1	-	-	-	-
Mixed ¹ and other-----	1	-	-	-	-	-	-	-	-	-	-	1	-
Male-----	-	-	-	-	-	-	-	-	-	-	-	-	-
Female--	1	-	-	-	-	-	-	-	-	-	-	1	-

¹"Mixed" designates a mixture of white and Negro.

SUPPLEMENT—VIRGIN ISLANDS

TABLE 2.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: VIRGIN ISLANDS, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 2,500 OR MORE, 1949

(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)			Deaths under 1 year	Deaths under 28 days	Fetal deaths	
	Total	Attended by—				Total	Not in institution	In resident institution				In non-resident institution
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
VIRGIN ISLANDS	896	566	19	296	5	362	121	22	219	80	38	20
White	40	17	2	21	-	25	17	-	8	2	1	1
Negro	720	470	15	230	5	298	91	21	166	64	31	18
Mixed ² and other	126	79	2	45	-	39	13	1	25	14	6	1
Municipality of St. Croix	338	230	16	88	2	177	49	17	111	30	18	8
White	4	3	1	-	-	2	1	-	1	-	-	-
Negro	259	177	14	66	2	149	41	16	92	20	12	7
Mixed ² and other	75	50	1	22	-	26	7	1	18	10	6	1
Christiansted	171	120	14	35	2	85	26	-	59	16	7	3
White	1	-	1	-	-	-	-	-	-	-	-	-
Negro	145	98	15	32	2	71	22	-	49	11	4	3
Mixed ² and other	25	22	-	3	-	14	4	-	10	5	3	-
Balance of municipality	165	110	2	53	-	92	23	17	82	14	11	5
White	3	3	-	-	-	2	1	-	1	-	-	-
Negro	114	79	1	34	-	78	19	16	45	9	8	4
Mixed ² and other	48	28	1	19	-	12	3	1	8	5	3	1
Municipality of St. Thomas and St. John	550	336	5	208	3	185	72	5	108	50	20	12
White	36	14	1	21	-	23	16	-	7	2	1	1
Negro	461	293	1	164	3	149	50	5	94	44	19	11
Mixed ² and other	53	29	1	23	-	13	6	-	7	4	-	-
Charlotte Amalie	516	333	2	180	1	177	64	5	102	49	20	12
White	30	14	-	16	-	19	12	-	7	2	1	1
Negro	439	290	1	147	1	146	47	5	94	43	19	11
Mixed ² and other	47	29	1	17	-	12	5	-	7	4	-	-
Balance of municipality	23	-	1	22	-	8	8	-	-	1	-	-
White	6	-	1	5	-	4	4	-	-	1	-	-
Negro	11	-	-	11	-	3	3	-	-	-	-	-
Mixed ² and other	6	-	-	6	-	1	1	-	-	-	-	-

¹It is assumed that all births in hospitals or institutions are attended by physicians.
²"Mixed" designates a mixture of white and Negro.

TABLE 3.—LIVE BIRTHS BY AGE OF MOTHER, BIRTH ORDER, AND RACE: VIRGIN ISLANDS, 1949

(Birth order refers to number of children born alive to mother)

AGE OF MOTHER AND RACE OF CHILD	Total	BIRTH ORDER													
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES	886	158	168	116	120	81	72	50	46	22	19	15	8	11	-
10-14 years	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years	156	84	55	11	5	-	1	-	-	-	-	-	-	-	-
20-24 years	244	44	62	51	49	26	8	1	2	1	-	-	-	-	-
25-29 years	214	17	35	35	40	34	26	13	10	2	-	-	-	-	-
30-34 years	182	5	9	11	16	12	24	13	13	6	8	3	1	1	-
35-39 years	109	2	2	8	8	8	11	21	15	11	9	6	3	5	-
40-44 years	30	-	5	4	1	1	1	2	6	2	2	1	1	5	-
Not stated	5	-	-	4	1	-	1	-	-	-	-	3	-	5	-
White	40	7	10	4	4	3	2	1	3	1	3	1	-	1	-
10-14 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years	4	2	2	-	-	-	-	-	-	-	-	-	-	-	-
20-24 years	13	3	5	1	3	1	-	-	-	-	-	-	-	-	-
25-29 years	7	1	2	-	1	2	1	-	-	-	-	-	-	-	-
30-34 years	6	1	1	1	-	-	-	-	1	-	1	-	-	1	-
35-39 years	5	-	-	1	-	-	1	-	1	1	1	-	-	-	-
40-44 years	4	-	-	1	-	-	-	1	1	-	1	-	-	-	-
Not stated	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Negro	720	135	132	94	99	62	62	42	37	18	13	11	6	9	-
10-14 years	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years	132	72	46	9	4	-	1	-	-	-	-	-	-	-	-
20-24 years	195	37	47	40	42	19	7	-	2	1	-	-	-	-	-
25-29 years	170	14	27	28	33	25	21	10	10	1	-	-	1	-	-
30-34 years	97	4	5	9	12	10	22	11	12	5	4	2	1	-	-
35-39 years	94	2	2	5	7	7	10	20	9	9	8	8	3	4	-
40-44 years	25	-	5	3	1	1	1	1	4	2	1	1	1	5	-
Not stated	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Mixed ¹ and other	126	16	26	20	17	16	8	7	6	3	3	3	-	1	-
10-14 years	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years	20	10	7	2	1	-	-	-	-	-	-	-	-	-	-
20-24 years	36	4	10	10	4	6	1	1	-	-	-	-	-	-	-
25-29 years	37	2	6	7	6	7	4	3	-	1	-	1	-	-	-
30-34 years	19	-	3	1	4	2	2	2	-	1	3	1	-	-	-
35-39 years	10	-	-	-	1	1	-	1	5	1	-	-	-	1	-
40-44 years	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Not stated	3	-	-	-	1	-	1	-	-	-	-	1	-	-	-

¹"Mixed" designates a mixture of white and Negro.

VITAL STATISTICS OF THE UNITED STATES

TABLE 4.- CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE, BY RACE: VIRGIN ISLANDS, 1949

(Exclusive of fetal deaths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period)

RACE	Total births	Total cases (single and plural)	Cases of single births	CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE	
				Total	Twins
All races-----	886	874	862	12	12
White-----	40	39	36	1	1
Negro-----	720	711	702	9	9
Mixed ¹ and other-----	126	124	122	2	2

¹"Mixed" designates a mixture of white and Negro.

TABLE 5.- MARRIAGES AND DIVORCES: VIRGIN ISLANDS, 1946-49

YEAR	Number of marriage licenses ¹	NUMBER OF--	
		Divorces	Annulments
1949-----	194	181	-
1948-----	156	145	-
1947-----	150	124	-
1946-----	185	90	-

¹Data are for fiscal year ending June 30.

TABLE 6.- DEATHS FROM 32 SELECTED CAUSES, BY MONTH: VIRGIN ISLANDS, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1949. Causes in the selected list (table 6, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
ALL CAUSES-----	362	23	26	29	29	39	28	33	26	36	31	27	35
Tuberculosis, all forms-----001-019	6	1	1	-	-	-	1	-	2	-	-	1	-
Syphilis and its sequelae-----020-029	5	-	-	-	-	1	-	-	2	1	-	-	-
Dysentery, all forms-----045-048	1	-	-	-	-	1	-	-	-	-	-	-	-
All other infective and parasitic diseases-----030-039,041-044,049-054,058-074,081-084,088-138	7	1	-	-	2	-	-	1	-	-	-	1	2
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues-----140-205	18	1	1	1	1	2	2	2	1	1	2	1	3
Diabetes mellitus-----260	3	-	2	-	-	1	-	-	-	-	-	-	-
Meningitis, except meningococcal and tuberculous-----340	3	-	-	2	-	-	-	-	-	-	-	-	1
Major cardiovascular-renal diseases-----330-334,400-468,592-594	167	7	16	15	15	19	15	12	13	18	13	8	15
Diseases of cardiovascular system-----330-334,400-468	160	7	16	14	15	19	18	11	13	16	12	9	13
Vascular lesions affecting central nervous system-----330-334	25	-	1	5	4	4	-	2	-	4	2	1	2
Rheumatic fever-----400-402	2	-	-	-	-	-	-	-	-	1	-	-	1
Diseases of heart-----410-443	107	4	10	6	8	12	14	6	12	9	10	6	6
Hypertension without mention of heart and general arteriosclerosis-----444-450	23	3	5	5	2	3	1	1	1	1	-	1	2
Other diseases of circulatory system-----451-468	3	-	-	-	1	-	1	-	-	1	-	-	-
Chronic and unspecified nephritis and other renal sclerosis-----592-594	7	-	-	1	-	-	-	1	-	2	1	-	2
Influenza and pneumonia, except pneumonia of newborn-----490-493	25	4	2	2	2	1	3	3	-	2	2	3	1
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	20	1	1	2	1	3	1	5	2	1	1	1	1
Cirrhosis of liver-----581	1	-	-	1	-	-	-	-	-	-	-	-	-
Deliveries and complications of pregnancy, childbirth, and the puerperium-----540-589	2	-	-	-	-	1	-	1	-	-	-	-	-
Congenital malformations-----750-758	5	-	-	-	-	-	1	-	1	1	1	1	-
Symptoms, senility, and ill-defined conditions-----780-795	22	4	-	2	-	2	-	1	1	-	5	4	3
All other accidents-----8800-8902,8940-8962	7	-	-	-	-	1	1	1	1	-	1	-	2
Homicide-----8964,8980-8985	3	1	1	-	1	-	-	-	-	-	-	-	-
All other causes-----Residual	67	3	2	3	7	7	3	7	3	12	6	7	7

SUPPLEMENT-VIRGIN ISLANDS

TABLE 7.-DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1949

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown.)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
	ALL CAUSES	382	80	14	3	4	5	5	9	15	30	49	58	69	22	1
	White-Male	15	1	-	1	-	1	-	-	1	2	4	3	1	1	-
	White-Female	10	1	-	-	-	-	-	-	-	-	2	1	4	2	-
	Negro-Male	150	35	8	1	2	1	2	5	7	13	20	25	27	3	1
	Negro-Female	148	29	3	-	2	-	3	3	7	11	17	27	33	13	-
	Mixed ¹ and other-Male	26	13	2	1	-	-	-	1	-	3	4	-	1	1	-
	Mixed ¹ and other-Female	13	1	1	-	-	1	-	-	-	1	2	2	3	2	-
001-019	Tuberculosis, all forms	6	-	-	-	1	-	2	-	-	-	2	1	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	3	-	-	-	-	-	1	-	-	-	2	-	-	-	-
	Negro-Female	3	-	-	-	1	-	1	-	-	-	-	1	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
001-008	Tuberculosis of respiratory system	5	-	-	-	-	-	2	-	-	-	2	1	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	3	-	-	-	-	-	1	-	-	-	2	-	-	-	-
	Negro-Female	2	-	-	-	-	-	1	-	-	-	-	1	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010-013	Tuberculosis, other forms	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Female	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
020-023	Syphilis and its sequelae	5	-	-	-	1	-	-	-	-	-	1	2	1	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	3	-	-	-	1	-	-	-	-	-	1	1	-	-	-
	Negro-Female	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Mixed ¹ and other-Male	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
045-048	Dysentery, all forms	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
050,051	Scarlet fever and streptococcal sore throat	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	White-Male	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual	All other infective and parasitic diseases	6	3	-	-	-	-	-	1	-	1	-	1	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	3	2	-	-	-	-	-	-	-	1	-	1	-	-	-
	Negro-Female	3	1	-	-	-	-	-	1	-	-	-	1	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
140-205	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	16	-	-	-	-	-	-	-	-	3	5	4	5	1	-
	White-Male	1	-	-	-	-	-	-	-	-	1	1	1	1	-	-
	White-Female	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
	Negro-Male	6	-	-	-	-	-	-	-	-	1	2	1	2	-	-
	Negro-Female	7	-	-	-	-	-	-	-	-	1	1	3	2	-	-
	Mixed ¹ and other-Male	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-
	Mixed ¹ and other-Female	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
150-156A, 157-159	Of digestive organs and peritoneum	8	-	-	-	-	-	-	-	-	1	2	3	1	1	-
	White-Male	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Negro-Female	3	-	-	-	-	-	-	-	-	-	-	2	1	-	-
	Mixed ¹ and other-Male	2	-	-	-	-	-	-	-	-	-	1	-	-	1	-
	Mixed ¹ and other-Female	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
171-179	Of genital organs	4	-	-	-	-	-	-	-	-	1	-	-	3	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
	Negro-Female	2	-	-	-	-	-	-	-	-	1	-	-	1	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180,181	Of urinary organs	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	White-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	White-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro-Female	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Mixed ¹ and other-Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other-Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹"Mixed" designates a mixture of white and Negro.

VITAL STATISTICS OF THE UNITED STATES

TABLE 7.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1949—Con.

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown)

Birth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues—Continued															
156B,165, 190-199	Of other and unspecified sites—	5									1	2	1	1		
	White—Male—	—														
	Female—	1												1		
	Negro—Male—	3									1	2				
	Female—	1											1			
	Mixed ¹ and other—Male—	—														
	Female—	—														
210-239	Benign neoplasms and neoplasms of unspecified nature—	1											1			
	White—Male—	—														
	Female—	—														
	Negro—Male—	1											1			
	Female—	—														
	Mixed ¹ and other—Male—	—														
	Female—	—														
260	Diabetes mellitus—	3											2	1		
	White—Male—	—														
	Female—	—														
	Negro—Male—	1												1		
	Female—	2											2			
	Mixed ¹ and other—Male—	—														
	Female—	—														
290-295	Anemias—	3					1					1	1			
	White—Male—	—														
	Female—	—														
	Negro—Male—	1											1			
	Female—	1										1				
	Mixed ¹ and other—Male—	—														
	Female—	1					1									
340	Meningitis, except meningococcal and tuberculous—	3	1	2												
	White—Male—	—														
	Female—	—														
	Negro—Male—	—														
	Female—	2	1	1												
	Mixed ¹ and other—Male—	1		1												
	Female—	—														
350-354, 400-468, 592-594	Major cardiovascular-renal diseases—	167					1	2	1	8	17	31	59	52	17	
	White—Male—	8								1		4	2	1	1	
	Female—	7										2	1	3	2	
	Negro—Male—	69					1	1	4	9	12	19	20	2		
	Female—	72						1	3	6	11	14	26	11		
	Mixed ¹ and other—Male—	4							1		1	2				
	Female—	8									1		2	3	2	
350-354, 400-468	Diseases of cardiovascular system—	160					1	2		8	16	29	37	51	17	
	White—Male—	8								1		4	2	1	1	
	Female—	7										2	1	3	1	
	Negro—Male—	65					1	1	4	9	11	18	19	2		
	Female—	70						1	3	6	9	14	26	11		
	Mixed ¹ and other—Male—	2									2					
	Female—	8									1		2	3	2	
380-384	Vascular lesions affecting central nervous system—	25								1	2	4	8	8	2	
	White—Male—	1										1				
	Female—	—														
	Negro—Male—	14								1		2	7	4		
	Female—	9									1	1	1	4	2	
	Mixed ¹ and other—Male—	—														
	Female—	1									1					
400-402	Rheumatic fever—	2						1		1						
	White—Male—	—														
	Female—	—														
	Negro—Male—	—														
	Female—	2						1		1						
	Mixed ¹ and other—Male—	—														
	Female—	—														
410-445	Diseases of heart—	107					1	1		5	10	20	25	35	10	
	White—Male—	7								1		3	2	1	1	
	Female—	7										2	1	3	1	
	Negro—Male—	38					1	1	3	5	7	9	11	1		
	Female—	49							1	5	6	11	19	6		
	Mixed ¹ and other—Male—	2									2					
	Female—	5											2	2	1	
410-416	Chronic rheumatic heart disease—	2					1				1					
	White—Male—	—														
	Female—	—														
	Negro—Male—	2					1				1					
	Female—	—														
	Mixed ¹ and other—Male—	—														
	Female—	—														
420	Arteriosclerotic heart disease, including coronary disease—	56						1		3	1	10	15	19	7	
	White—Male—	6								1		2	2	1	1	
	Female—	6										1	1	3	1	
	Negro—Male—	17						1		2		3	5	5	1	
	Female—	22									1	3	6	9	3	
	Mixed ¹ and other—Male—	1										1				
	Female—	4											1	2	1	

¹"Mixed" designates a mixture of white and Negro.

TABLE 7.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1949—Con.

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
	Major cardiovascular-renal diseases—Continued															
	Diseases of cardiovascular system—Continued															
	Diseases of heart—Continued															
421,422	Rheumatic chronic endocarditis and other myocardial degeneration—	15	...	-	-	-	-	-	-	-	3	1	2	4	3	-
	White—Male—	-	...	-	-	-	-	-	-	-	2	1	1	1	-	-
	Female—	-	...	-	-	-	-	-	-	-	1	-	-	-	-	-
	Negro—Male—	4	...	-	-	-	-	-	-	-	2	-	1	1	-	-
	Female—	9	...	-	-	-	-	-	-	-	1	1	1	3	3	-
	Mixed ¹ and other—Male—	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	...	-	-	-	-	-	-	-	-	-	-	-	-	-
430-434	Other diseases of heart—	7	-	-	-	-	-	-	-	1	-	-	3	3	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	4	-	-	-	-	-	-	-	1	-	-	1	2	-	-
	Female—	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
440-443	Hypertension with heart disease—	29	-	-	-	-	-	-	-	1	5	9	5	9	-	-
	White—Male—	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-
	Female—	1	-	-	-	-	-	-	-	-	1	1	1	-	-	-
	Negro—Male—	11	-	-	-	-	-	-	-	-	2	4	2	3	-	-
	Female—	15	-	-	-	-	-	-	-	1	3	2	3	6	-	-
	Mixed ¹ and other—Male—	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
444-447	Hypertension without mention of heart—	9	-	-	-	-	-	-	-	-	3	2	2	1	1	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	7	-	-	-	-	-	-	-	-	3	1	2	1	-	-
	Female—	2	-	-	-	-	-	-	-	-	1	1	-	1	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
450	General arteriosclerosis—	14	-	-	-	-	-	-	-	-	1	1	1	7	4	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	5	-	-	-	-	-	-	-	-	1	-	-	3	1	-
	Female—	7	-	-	-	-	-	-	-	-	1	1	1	3	2	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
	Female—	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-
451-468	Other diseases of circulatory system—	3	-	-	-	-	-	-	-	1	-	1	1	-	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	Female—	2	-	-	-	-	-	-	-	1	-	-	1	-	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
592-594	Chronic and unspecified nephritis and other renal sclerosis—	7	-	-	-	-	-	-	1	-	1	3	1	1	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	3	-	-	-	-	-	-	-	-	-	1	1	1	-	-
	Female—	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-
	Mixed ¹ and other—Male—	2	-	-	-	-	-	-	1	-	1	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
480-495	Influenza and pneumonia, except pneumonia of newborn—	25	11	6	-	1	-	-	2	1	1	-	2	1	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	15	5	5	-	1	-	-	-	-	1	-	1	-	-	-
	Female—	9	4	-	-	-	-	-	2	1	-	-	1	1	-	-
	Mixed ¹ and other—Male—	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
490-495	Pneumonia, except pneumonia of newborn—	25	11	6	-	1	-	-	2	1	1	-	2	1	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	15	5	5	-	1	-	-	-	-	1	-	1	-	-	-
	Female—	9	4	-	-	-	-	-	2	1	-	-	1	1	-	-
	Mixed ¹ and other—Male—	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
500-502	Bronchitis—	2	1	-	-	-	-	-	-	-	1	-	-	-	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
550-553	Appendicitis—	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	White—Male—	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
560,561,570	Hernia and intestinal obstruction—	5	-	1	-	-	-	-	-	-	1	-	1	2	-	-
	White—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro—Male—	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-
	Female—	3	-	-	-	-	-	-	-	-	1	-	1	1	-	-
	Mixed ¹ and other—Male—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female—	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

¹"Mixed" designates a mixture of white and Negro.

VITAL STATISTICS OF THE UNITED STATES

TABLE 7.—DEATHS FROM 64 SELECTED CAUSES, BY AGE, RACE, AND SEX: VIRGIN ISLANDS, 1949—Con.

(Exclusive of fetal deaths. Causes in the selected list (table 7, Puerto Rico) for which there were no deaths are not shown)

Sixth Revision No.	CAUSE OF DEATH, RACE, AND SEX	Total	Under 1	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 34	35 to 44	45 to 54	55 to 64	65 to 74	75 to 84	85 and over	Not stated
543,571,572	Gastritis, duodenitis, enteritis, and colitis, except	20	15	3	-	-	-	-	-	-	-	2	-	-	-	-
	diarrhea of newborn	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	White	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
Male	10	6	2	-	-	-	-	-	-	-	-	2	-	-	-	
Female	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
581	Cirrhosis of liver	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
640-689	Deliveries and complications of pregnancy, childbirth, and the puerperium	2	...	...	...	-	-	-	-	2	-	-	...	...	...	-
	White	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
	Female	2	...	...	...	-	-	-	-	2	-	-	...	...	...	-
	Negro	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Female	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Mixed ¹ and other	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Female	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
640-649, 660-689	All other complications	2	...	...	...	-	-	-	-	2	-	-	...	...	...	-
	White	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
	Female	2	...	...	...	-	-	-	-	2	-	-	...	...	...	-
	Negro	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Female	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Mixed ¹ and other	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
Female	-	...	...	...	-	-	-	-	-	-	-	...	...	...	-
750-759	Congenital malformations	5	4	-	-	1	-	-	-	-	-	-	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	3	2	-	-	1	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
780-776	Certain diseases of early infancy	36	38	-	-	-	-	-	-	-	-	-	-	-	-	-
	White	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
780-762	Birth injuries, postnatal asphyxia, and atelectasis	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
763-768	Infections of newborn	5	3	-	-	-	-	-	-	-	-	-	-	-	-	-
	White	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
769-776	Other diseases peculiar to early infancy, and immaturity unqualified	26	26	-	-	-	-	-	-	-	-	-	-	-	-	-
	White	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-
	Male	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
780-795	Symptoms, senility, and ill-defined conditions	22	7	-	2	-	-	-	-	1	1	3	3	1	4	-
	White	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-
	Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Negro	11	5	-	1	-	-	-	-	1	1	1	1	1	1	-
	Male	7	1	-	-	-	-	-	-	-	-	2	1	1	2	-
Female	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-	
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Residual	All other diseases	19	1	1	-	-	-	-	4	2	2	2	2	5	-	
	White	1	-	-	-	-	-	-	-	-	-	-	-	1	-	
	Male	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Negro	9	-	-	-	-	-	-	4	1	1	1	1	3	-	
	Male	6	-	-	-	-	-	-	-	1	2	2	2	1	-	
Female	2	1	1	-	-	-	-	-	-	-	-	-	-	-		
Mixed ¹ and other	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Male	1	-	-	-	-	-	-	-	-	-	-	-	-	-		
Female	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
E800-E962	Accidents	7	-	1	-	-	1	-	1	1	1	1	-	1	-	
	White	1	-	-	-	-	1	-	-	-	-	-	-	-	-	
	Male	4	-	1	-	-	-	-	1	1	-	-	-	1	-	

TABLE 8.—DEATHS FROM 32 SELECTED CAUSES: VIRGIN ISLANDS, EACH MUNICIPALITY, AND EACH URBAN PLACE HAVING, IN 1940, A POPULATION OF 2,500 OR MORE, 1949

(By place of occurrence. Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 9, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Virgin Islands	MUNICIPALITY OF ST. CROIX			MUNICIPALITY OF ST. THOMAS AND ST. JOHN		
		Total	Christiansted	Balance of municipality	Total	Charlotte Amalie	Balance of municipality
ALL CAUSES	362	177	85	92	185	177	8
Tuberculosis, all forms	001-019	6	2	2	4	4	-
Syphilis and its sequelae	020-029	5	1	1	4	4	-
Dysentery, all forms	045-048	1	-	-	1	1	-
All other infective and parasitic diseases	030-039, 041-044, 049-054, 058-074, 081-084, 086-138	7	2	1	5	4	1
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues	140-205	18	9	2	9	9	-
Diabetes mellitus	260	3	3	1	2	-	-
Meningitis, except meningococcal and tuberculous	340	3	3	3	-	-	-
Major cardiovascular-renal diseases	330-334, 400-468, 592-594	167	92	49	44	75	5
Diseases of cardiovascular system	330-334, 400-468	160	89	45	44	71	5
Vascular lesions affecting central nervous system	330-334	25	18	10	8	7	-
Rheumatic fever	400-402	2	2	1	1	-	-
Diseases of heart	410-443	107	49	24	25	54	4
Hypertension without mention of heart and general arteriosclerosis	444-450	23	19	9	10	4	1
Other diseases of circulatory system	451-468	3	1	1	-	2	-
Chronic and unspecified nephritis and other renal sclerosis	592-594	7	3	3	-	4	-
Influenza and pneumonia, except pneumonia of newborn	480-493	25	-	-	-	25	-
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn	543, 571, 572	20	5	3	-	15	1
Cirrhosis of liver	581	1	1	1	-	-	-
Deliveries and complications of pregnancy, childbirth, and the puerperium	640-689	2	2	2	-	-	-
Congenital malformations	750-759	5	4	3	1	1	-
Symptoms, senility, and ill-defined conditions	780-795	22	19	2	17	3	-
All other accidents	8800-8802, 8840-8962	7	-	-	-	7	1
Homicide	8964, 8960-8985	3	2	2	1	1	-
All other causes	Residual	67	32	14	18	35	-

TABLE 9.—DEATHS UNDER 1 YEAR, BY DETAILED AGE, RACE, AND SEX: VIRGIN ISLANDS, 1949

(Exclusive of fetal deaths)

AGE	Total	ALL RACES		WHITE		NEGRO		MIXED ¹ AND OTHER	
		Male	Female	Male	Female	Male	Female	Male	Female
UNDER 1 YEAR	80	49	31	1	1	35	29	13	1
Under 1 day	15	8	7	-	-	6	6	2	1
1 day	3	1	2	-	1	1	1	-	-
2 days	1	1	-	-	-	-	-	1	-
3 days	2	2	-	-	-	2	-	-	-
4 days	1	-	1	-	-	-	1	-	-
5 days	3	2	1	-	-	2	1	-	-
6 days	-	-	-	-	-	-	-	-	-
7-13 days	6	4	2	-	-	3	2	1	-
14-20 days	3	2	1	-	-	2	1	-	-
21-27 days	4	2	2	-	-	1	2	1	-
Under 28 days	38	22	16	-	1	17	14	5	1
28-59 days	7	4	3	-	-	2	3	2	-
2 months	7	5	2	-	-	5	2	-	-
3 months	3	3	-	-	-	2	-	1	-
4 months	1	-	1	-	-	-	1	-	-
5 months	5	4	1	-	-	2	1	2	-
6 months	5	3	2	1	-	2	2	-	-
7 months	3	1	2	-	-	1	2	-	-
8 months	6	4	1	-	-	3	1	1	-
9 months	3	2	1	-	-	1	1	1	-
10 months	2	-	2	-	-	-	2	-	-
11 months	1	1	-	-	-	-	-	1	-

¹"Mixed" designates a mixture of white and Negro.

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TABLE 10.—DEATHS UNDER 1 YEAR AND UNDER 28 DAYS, FROM 45 SELECTED CAUSES, BY RACE:
VIRGIN ISLANDS, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	ALL RACES			WHITE			NEGRO			MIXED ¹ AND OTHER		
	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months
ALL CAUSES-----	80	58	42	2	1	1	64	31	33	14	6	9
Dysentery, all forms-----045-048	1	-	1	-	-	-	1	-	1	-	-	-
All other infective and parasitic diseases-----050-044,049-055,057-138	3	1	2	-	-	-	3	1	2	-	-	-
Meningitis, except meningococcal and tuberculous-----340	1	-	1	-	-	-	1	-	1	-	-	-
All other diseases of nervous system and sense organs-----350-354,341-398	1	-	1	-	-	-	-	-	-	1	-	1
Influenza and pneumonia, except pneumonia of newborn-----480-495	11	-	11	-	-	-	9	-	9	2	-	2
Pneumonia, except pneumonia of newborn-----490-495	11	...	11	-	...	-	9	...	9	2	...	2
All other diseases of respiratory system-----470-475,500-527	1	-	1	-	-	-	1	-	1	-	-	-
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	15	-	15	1	-	1	11	-	11	3	-	3
Congenital malformations-----750-759	4	2	2	-	-	-	4	2	2	-	-	-
Congenital malformations of circulatory system-----754	1	1	-	-	-	-	1	1	-	-	-	-
All other congenital malformations-----750,752,753,755-759	3	1	2	-	-	-	3	1	2	-	-	-
Certain diseases of early infancy-----760-776	36	31	8	1	1	-	28	24	4	7	6	1
Birth injuries-----760,761	4	4	-	-	-	-	3	3	-	1	1	-
Without mention of immaturity (.0)-----	3	3	-	-	-	-	2	2	-	1	1	-
With immaturity (.5)-----	1	1	-	-	-	-	1	1	-	-	-	-
Intracranial and spinal injury at birth-----760	1	1	-	-	-	-	1	1	-	-	-	-
Without mention of immaturity (.0)-----	1	1	-	-	-	-	1	1	-	-	-	-
Other birth injury-----761	3	3	-	-	-	-	2	2	-	1	1	-
Without mention of immaturity (.0)-----	2	2	-	-	-	-	1	1	-	1	1	-
With immaturity (.5)-----	1	1	-	-	-	-	1	1	-	-	-	-
Postnatal asphyxia and atelectasis-----762	3	3	-	-	-	-	3	3	-	-	-	-
Without mention of immaturity (.0)-----	1	1	-	-	-	-	1	1	-	-	-	-
With immaturity (.5)-----	2	2	-	-	-	-	2	2	-	-	-	-
Pneumonia of newborn-----763	2	2	...	-	-	...	2	2	...	-	-	...
Without mention of immaturity (.0)-----	2	2	...	-	-	...	2	2	...	-	-	...
Diarrhea of newborn-----764	1	1	-	-	-	-	1	1	-	-	-	-
With immaturity (.5)-----	1	1	-	-	-	-	1	1	-	-	-	-
Hemolytic disease of newborn (erythroblastosis)-----770	1	-	1	-	-	-	1	-	1	-	-	-
Without mention of immaturity (.0-.2)-----	1	-	1	-	-	-	1	-	1	-	-	-
Hemorrhagic disease of newborn-----771	1	1	-	-	-	-	1	1	-	-	-	-
Without mention of immaturity (.0)-----	1	1	-	-	-	-	1	1	-	-	-	-
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment-----772,773	15	11	4	1	1	-	11	8	3	3	2	1
Without mention of immaturity (.0)-----	7	3	4	-	-	-	4	1	3	3	2	1
With immaturity (.5)-----	8	8	-	1	1	-	7	7	-	-	-	-
Immaturity unqualified-----776	9	9	-	-	-	-	6	6	-	3	3	-
Symptoms and ill-defined conditions-----780-795	7	4	3	-	-	-	6	4	2	1	-	1

¹"Mixed" designates a mixture of white and Negro.

ALASKA

TABLE 1.—LIVE BIRTHS, TOTAL DEATHS, DEATHS UNDER 1 YEAR, AND FETAL DEATHS, BY RACE, SEX, AND MONTH: ALASKA, 1949

(Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated)

RACE AND SEX	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
LIVE BIRTHS													
ALL RACES	3,527	262	260	287	263	311	227	300	309	324	323	313	288
Male	1,862	138	132	139	140	170	141	148	171	186	173	177	147
Female	1,665	124	128	148	123	141	146	152	138	138	150	136	141
White	2,169	146	148	163	172	192	195	189	177	208	211	204	163
Male	1,126	78	74	77	87	107	98	89	91	124	113	114	74
Female	1,043	68	74	86	85	85	98	100	86	84	98	90	89
Native	1,315	116	107	121	86	114	89	110	125	115	107	105	120
Male	711	60	56	61	50	58	42	59	77	62	56	61	69
Female	604	56	51	60	36	56	47	51	48	53	51	44	51
All other	43	-	5	3	5	5	2	1	7	1	5	4	5
Male	25	-	2	1	3	5	1	-	3	-	4	2	4
Female	18	-	3	2	2	-	1	1	4	1	1	2	1
DEATHS (ALL AGES)													
ALL RACES	1,182	100	72	102	91	101	118	97	102	105	110	80	104
Male	808	78	53	65	61	71	81	67	67	73	69	56	65
Female	374	22	19	37	30	30	37	30	35	32	41	22	39
White	645	56	41	55	47	53	68	55	58	66	52	45	49
Male	508	46	34	39	35	42	53	45	42	55	41	37	38
Female	137	10	7	16	12	11	15	10	16	11	11	8	10
Native	521	45	27	46	41	46	50	41	43	37	58	35	54
Male	284	31	15	25	23	27	28	21	24	16	28	21	25
Female	237	12	12	21	18	19	22	20	19	21	30	14	29
All other	18	1	4	1	3	2	-	1	1	2	-	-	1
Male	16	1	4	1	3	2	-	1	1	2	-	-	1
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
DEATHS UNDER 1 YEAR													
ALL RACES	168	12	8	20	11	17	21	11	13	7	17	14	17
Male	100	7	6	10	7	11	13	5	8	5	10	9	9
Female	68	5	2	10	4	6	8	6	5	2	7	5	8
White	50	3	2	7	1	9	8	3	2	4	6	4	1
Male	30	2	2	2	1	5	5	2	-	3	4	3	1
Female	20	1	-	5	-	4	3	1	2	1	2	1	-
Native	118	9	6	13	10	8	13	8	11	3	11	10	16
Male	70	5	4	8	6	6	8	3	8	2	6	6	8
Female	48	4	2	5	4	2	5	5	3	1	5	4	8
All other	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-
FETAL DEATHS													
ALL RACES	46	8	3	4	3	3	4	3	4	5	3	2	4
Male	22	4	1	2	-	1	2	2	4	1	2	-	3
Female	24	4	2	2	3	2	2	1	-	4	1	2	1
White	28	4	2	4	2	2	2	1	2	3	2	1	3
Male	12	1	-	2	-	1	1	-	2	1	1	-	3
Female	16	3	2	2	2	1	1	1	-	2	1	1	-
Native	18	4	1	-	1	1	2	2	2	2	1	1	1
Male	10	3	1	-	-	-	1	2	2	-	1	-	-
Female	8	1	-	-	1	1	1	-	-	2	-	1	1
All other	-	-	-	-	-	-	-	-	-	-	-	-	-
Male	-	-	-	-	-	-	-	-	-	-	-	-	-
Female	-	-	-	-	-	-	-	-	-	-	-	-	-

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TABLE 2.—LIVE BIRTHS BY PERSON IN ATTENDANCE; TOTAL DEATHS IN INSTITUTIONS; DEATHS UNDER 1 YEAR; DEATHS UNDER 28 DAYS; AND FETAL DEATHS; BY RACE: ALASKA, EACH JUDICIAL DIVISION, AND EACH URBAN PLACE HAVING, IN 1939, A POPULATION OF 2,500 OR MORE, 1949

(By place of occurrence. Deaths exclusive of fetal deaths. Fetal deaths include only those for which the period of gestation was stated to be 20 weeks (or 5 months) or more, or was not stated.)

AREA AND RACE	LIVE BIRTHS					DEATHS (ALL AGES)			Deaths under 1 year	Deaths under 28 days	Fetal deaths	
	Total	Attended by—				Total ²	Not in institution	In resident institution				In non-resident institution
		Physician in hospital ¹	Physician not in hospital	Midwife	Other and not specified							
ALASKA-----	5,527	2,763	53	421	280	1,182	697	45	436	168	74	46
White-----	2,169	2,116	24	12	17	645	311	45	299	50	34	26
Native-----	1,315	625	28	397	267	521	374	-	143	116	40	18
All other--	43	24	1	12	6	16	12	-	4	-	-	-
First Judicial Division-----	748	640	33	58	37	342	161	43	136	33	20	9
White-----	439	417	18	-	4	225	102	43	80	11	8	2
Native-----	297	212	15	37	33	112	57	-	53	22	12	7
All other--	12	11	-	1	-	5	2	-	3	-	-	-
Juneau-----	255	254	1	-	-	96	34	-	62	9	7	2
White-----	174	174	-	-	-	68	30	-	38	5	4	-
Native-----	76	75	1	-	-	25	2	-	23	4	3	2
All other--	5	5	-	-	-	3	2	-	1	-	-	-
Ketchikan-----	223	222	1	-	-	76	29	1	46	12	9	2
White-----	136	136	-	-	-	55	26	1	28	3	3	1
Native-----	84	83	1	-	-	21	3	-	18	9	6	1
All other--	3	3	-	-	-	-	-	-	-	-	-	-
Balance of division-----	270	164	31	38	37	170	98	42	28	12	4	5
White-----	129	107	18	-	4	102	46	42	14	3	1	1
Native-----	137	54	13	37	33	66	52	-	12	9	3	4
All other--	4	3	-	1	-	2	-	-	2	-	-	-
Second Judicial Division-----	443	111	1	229	102	185	167	-	27	50	15	4
White-----	38	37	-	1	-	11	3	-	8	-	-	-
Native-----	401	73	1	226	101	183	163	-	19	50	15	4
All other--	4	1	-	2	1	1	1	-	-	-	-	-
Third Judicial Division-----	1,498	1,379	7	73	59	383	211	2	169	43	23	21
White-----	1,231	1,207	3	11	10	295	153	2	140	30	19	18
Native-----	259	164	4	62	29	79	50	-	26	13	4	3
All other--	8	8	-	-	-	9	8	-	1	-	-	-
Anchorage-----	621	620	1	-	-	113	56	-	57	8	3	9
White-----	559	558	1	-	-	101	47	-	54	6	3	8
Native-----	59	59	-	-	-	9	6	-	3	2	-	1
All other--	3	3	-	-	-	3	3	-	-	-	-	-
Balance of division-----	877	759	6	73	59	270	155	2	112	35	20	12
White-----	672	649	2	11	10	194	106	2	86	24	16	10
Native-----	200	105	4	62	29	70	44	-	25	11	4	2
All other--	5	5	-	-	-	6	5	-	1	-	-	-
Fourth Judicial Division-----	838	633	12	81	112	282	158	-	104	42	16	12
White-----	461	455	3	-	3	114	53	-	61	9	7	8
Native-----	358	174	8	72	104	147	104	-	43	33	9	4
All other--	19	4	1	9	5	1	1	-	-	-	-	-
Fairbanks-----	335	334	-	-	1	89	27	-	62	10	8	5
White-----	292	292	-	-	-	78	25	-	53	8	7	5
Native-----	39	38	-	-	1	11	2	-	9	2	1	-
All other--	4	4	-	-	-	-	-	-	-	-	-	-
Balance of division-----	503	299	12	81	111	173	131	-	42	32	8	7
White-----	169	163	3	-	3	36	28	-	8	1	-	3
Native-----	319	136	8	72	103	136	102	-	34	31	8	4
All other--	15	-	1	9	5	1	1	-	-	-	-	-

¹It is assumed that all births in hospitals or institutions are attended by physicians.

²Deaths occurring in institutions of unknown type are not shown separately but are included in the "Total" column. For Alaska in 1949, these deaths were 4.

TABLE 3.—LIVE BIRTHS BY AGE OF MOTHER, BIRTH ORDER, AND RACE: ALASKA, 1949

(Birth order refers to number of children born alive to mother)

AGE OF MOTHER AND RACE OF CHILD	Total	BIRTH ORDER													
		1st	2d	3d	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th and over	Not stated
ALL RACES-----	3,527	1,043	990	560	283	175	116	84	86	54	37	29	21	27	12
10-14 years-----	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	370	252	98	17	1	-	-	-	-	-	-	-	-	-	2
20-24 years-----	1,084	412	371	180	70	53	15	2	2	-	-	-	-	-	1
25-29 years-----	1,057	229	314	217	119	68	52	25	21	10	2	-	-	-	3
30-34 years-----	596	90	142	98	74	46	25	39	34	22	11	7	3	3	3
35-39 years-----	313	45	56	39	26	24	18	12	21	17	16	16	11	10	2
40-44 years-----	79	8	7	8	2	3	8	6	5	4	6	4	5	11	-
45 years and over-----	15	-	-	1	1	-	-	-	2	1	1	2	2	3	-
Not stated-----	9	3	1	-	-	1	-	1	1	-	1	-	-	-	1
WHITE-----	2,169	782	746	382	161	54	16	8	4	3	2	2	-	3	6
10-14 years-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	172	127	43	2	-	-	-	-	-	-	-	-	-	-	-
20-24 years-----	670	311	240	88	21	7	2	-	-	-	-	-	-	-	1
25-29 years-----	736	208	271	161	68	19	4	1	2	-	-	-	-	-	2
30-34 years-----	386	86	133	86	49	16	6	6	2	2	-	-	-	2	2
35-39 years-----	170	42	52	36	20	10	2	2	2	2	2	-	-	1	1
40-44 years-----	33	8	7	8	2	2	2	1	-	1	-	1	-	1	-
45 years and over-----	2	-	-	1	1	-	-	-	-	-	-	-	-	-	-
Not stated-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NATIVE-----	1,315	253	233	188	129	119	99	73	80	50	33	27	21	24	6
10-14 years-----	6	5	1	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	196	184	53	15	1	-	-	-	-	-	-	-	-	-	2
20-24 years-----	399	98	127	86	47	26	11	2	2	-	-	-	-	-	-
25-29 years-----	310	17	40	53	50	49	48	21	19	10	2	-	-	-	1
30-34 years-----	201	4	7	11	25	28	18	30	33	20	11	7	3	3	1
35-39 years-----	140	2	4	3	6	14	16	12	16	16	14	15	11	8	1
40-44 years-----	43	-	-	-	-	1	6	7	5	3	5	3	5	10	-
45 years and over-----	11	-	-	-	-	-	-	2	1	1	2	2	2	3	-
Not stated-----	8	3	1	-	-	1	-	1	1	-	-	-	-	-	1
ALL OTHER-----	43	8	11	10	3	2	1	3	2	1	2	-	-	-	-
10-14 years-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15-19 years-----	3	1	2	-	-	-	-	-	-	-	-	-	-	-	-
20-24 years-----	15	3	4	6	2	-	-	-	-	-	-	-	-	-	-
25-29 years-----	11	3	3	3	1	-	-	1	-	-	-	-	-	-	-
30-34 years-----	9	-	2	1	-	2	1	2	1	-	-	-	-	-	-
35-39 years-----	3	1	-	-	-	-	-	-	1	1	-	-	-	-	-
40-44 years-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
45 years and over-----	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not stated-----	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-

TABLE 4.—CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE. BY RACE. ALASKA, 1949

(Exclusive of fetal deaths. The term "cases" refers to confinements resulting in either single or plural issue and is synonymous with "sets" in figures for plural births. Total number of cases is necessarily less than total number of births for any given period.)

RACE	Total births	Total cases (single and plural)	Cases of single births	CASES OF PLURAL BIRTHS IN WHICH AT LEAST ONE CHILD WAS BORN ALIVE	
				Total	Twins
All races-----	3,527	3,497	3,467	30	30
White-----	2,169	2,155	2,141	14	14
Native-----	1,315	1,300	1,285	15	15
All other-----	43	42	41	1	1

TABLE 5.—MARRIAGES AND DIVORCES: ALASKA, 1946-49

YEAR	Number of marriages	Number of divorces
1949-----	1,435	412
1948-----	1,567	350
1947-----	1,499	354
1946-----	1,519	385

TABLE 7.—DEATHS FROM 32 SELECTED CAUSES, BY MONTH ALASKA, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 8, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
		1,182	100	72	102	91	101	118	97	102	105	110	80	104
ALL CAUSES	1,182	100	72	102	91	101	118	97	102	105	110	80	104
Tuberculosis, all forms.....001-019	253	25	13	17	22	24	24	24	6	13	26	15	24
Syphilis and its sequelae.....020-029	2	-	-	-	-	-	-	1	-	-	1	-	-
Meningococcal infections.....057	1	-	-	-	1	-	-	-	-	-	-	-	-
Acute poliomyelitis.....080	1	-	-	-	-	-	-	-	-	-	1	-	-
Measles.....085	9	-	-	-	-	-	1	-	-	-	5	2	1
All other infective and parasitic diseases.....030-039, 041-044, 049-054, 058-074, 081-084, 086-138	9	2	-	-	2	-	-	2	-	2	1	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....140-205	78	5	5	8	7	8	4	9	8	4	6	6	8
Diabetes mellitus.....260	9	1	2	1	-	-	-	-	1	1	1	1	1
Meningitis, except meningococcal and tuberculous.....340	5	1	-	1	-	1	-	1	1	-	-	-	-
Major cardiovascular-renal diseases.....330-334, 400-468, 592-594	267	21	19	21	17	22	24	22	27	25	20	20	29
Diseases of cardiovascular system.....330-334, 400-468	259	21	19	19	17	22	23	21	26	25	19	20	28
Vascular lesions affecting central nervous system.....330-334	54	3	6	2	3	9	6	5	5	2	3	6	4
Rheumatic fever.....400-402	1	-	-	-	-	-	-	-	-	-	-	-	-
Diseases of heart.....410-445	186	16	11	16	13	13	14	16	20	19	12	14	22
Hypertension without mention of heart and general arteriosclerosis.....444-450	14	1	-	1	1	-	2	-	1	4	2	-	2
Other diseases of circulatory system.....451-468	4	1	1	-	-	-	-	-	-	-	2	-	-
Chronic and unspecified nephritis and other renal sclerosis.....592-594	8	-	1	2	-	-	1	1	1	-	1	-	1
Influenza and pneumonia, except pneumonia of newborn.....480-493	60	3	2	9	9	4	7	4	5	5	1	5	6
Ulcer of stomach and duodenum.....540,541	2	-	1	-	-	-	-	-	-	-	-	-	1
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn.....543,571,572	4	-	-	-	1	-	2	-	1	-	-	-	-
Cirrhosis of liver.....581	6	-	-	-	3	-	-	-	-	-	1	2	-
Deliveries and complications of pregnancy, childbirth, and the puerperium.....640-689	2	-	-	-	-	-	1	-	-	-	1	-	-
Congenital malformations.....750-759	15	-	3	4	-	4	1	-	1	-	-	1	1
Symptoms, senility, and ill-defined conditions.....780-795	79	7	7	11	5	4	4	9	9	9	6	2	6
Motor-vehicle accidents.....E810-E835	24	5	-	4	2	-	4	1	3	2	4	-	1
All other accidents.....E800-E802, E840-E862	168	17	7	8	4	12	18	12	22	28	14	15	11
Suicide.....E863, E870-E879	30	2	3	-	1	3	4	4	5	2	2	2	2
Homicide.....E884, E880-E885	18	-	2	1	1	4	-	4	1	2	2	1	1
All other causes.....Residual	160	13	8	17	16	15	19	9	12	12	16	9	12

TABLE 8.—DEATHS FROM 32 SELECTED CAUSES: ALASKA, EACH JUDICIAL DIVISION, AND EACH URBAN PLACE HAVING, IN 1939, A POPULATION OF 2,500 OR MORE, 1949

(By place of occurrence. Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 8, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	Alaska	FIRST JUDICIAL DIVISION			Second Judicial Division	THIRD JUDICIAL DIVISION		FOURTH JUDICIAL DIVISION				
		Total	Juneau	Ketchikan		Balance of Division	Total	Anchorage	Balance of Division	Total	Fairbanks	Balance of Division
ALL CAUSES	1,182	342	96	75	170	195	385	113	270	262	89	173
Tuberculosis, all forms.....001-019	253	59	8	10	21	75	37	2	35	82	7	75
Syphilis and its sequelae.....020-029	2	2	1	-	1	-	-	-	-	-	-	-
Meningococcal infections.....057	1	-	-	-	-	-	1	-	1	-	-	-
Acute poliomyelitis.....080	1	-	-	-	-	-	-	-	-	1	-	1
Measles.....085	9	-	-	-	-	9	-	-	-	-	-	-
All other infective and parasitic diseases.....Residual	9	4	2	1	1	1	4	1	3	-	-	-
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues.....140-205	78	34	13	11	10	4	26	12	14	14	11	3
Diabetes mellitus.....260	9	4	2	1	1	-	4	2	2	1	1	-
Meningitis, except meningococcal and tuberculous.....340	5	2	1	1	-	2	1	-	1	-	-	-
Major cardiovascular-renal diseases.....330-334, 400-468, 592-594	267	126	41	21	64	7	94	43	51	40	25	15
Diseases of cardiovascular system.....330-334, 400-468	259	121	38	20	63	7	92	42	50	39	24	15
Vascular lesions affecting central nervous system.....330-334	54	30	10	4	16	2	16	7	9	6	5	1
Rheumatic fever.....400-402	1	1	1	-	-	-	-	-	-	-	-	-
Diseases of heart.....410-445	186	86	23	16	47	3	66	32	34	31	17	14
Hypertension without mention of heart and general arteriosclerosis.....444-450	14	4	4	-	-	1	7	3	4	2	2	-
Other diseases of circulatory system.....451-468	4	-	-	-	-	1	3	-	3	-	-	-
Chronic and unspecified nephritis and other renal sclerosis.....592-594	8	5	3	1	1	-	2	1	1	1	1	-
Influenza and pneumonia, except pneumonia of newborn.....480-493	60	12	2	1	9	24	10	4	6	14	3	11
Ulcer of stomach and duodenum.....540,541	2	2	-	1	1	-	-	-	-	-	-	-
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn.....543,571,572	4	-	-	-	-	2	1	-	1	1	-	1
Cirrhosis of liver.....581	6	1	-	-	1	2	2	2	-	1	1	-
Deliveries and complications of pregnancy, childbirth, and the puerperium.....640-689	2	-	-	-	-	1	1	-	1	-	-	-
Congenital malformations.....750-759	15	7	2	2	3	3	3	-	3	2	2	-
Symptoms, senility, and ill-defined conditions.....780-795	79	22	1	2	19	26	11	-	11	20	5	15
Motor-vehicle accidents.....E810-E835	24	2	-	1	1	-	14	1	13	8	4	4
All other accidents.....E800-E802, E840-E862	168	38	7	9	22	10	83	16	67	37	10	27
Suicide.....E863, E870-E879	30	6	1	3	2	2	15	4	11	7	5	2
Homicide.....E884, E880-E885	18	1	1	-	-	1	15	8	7	1	1	1
All other causes.....Residual	160	40	14	12	14	26	61	18	43	33	15	18

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TABLE 9.—DEATHS UNDER 1 YEAR, BY DETAILED AGE, RACE, AND SEX: ALASKA, 1949

(Exclusive of fetal deaths)

AGE	Total	ALL RACES		WHITE		NATIVE		ALL OTHER	
		Male	Female	Male	Female	Male	Female	Male	Female
UNDER 1 YEAR	168	100	68	30	20	70	48		
Under 1 day	30	23	7	13	3	10	4		
1 day	9	3	6	3	5	-	1		
2 days	4	2	2	-	1	2	1		
3 days	6	4	2	3	1	1	1		
4 days	1	-	1	-	-	-	-		
5 days	-	-	-	-	-	-	-		
6 days	2	1	1	-	-	1	1		
7-15 days	5	3	2	1	1	2	1		
14-20 days	11	4	7	-	2	4	5		
21-27 days	6	5	1	1	-	4	1		
Under 28 days	74	45	29	21	13	24	16		
28-59 days	17	12	5	1	1	11	4		
2 months	8	4	4	2	-	2	4		
3 months	12	11	1	-	-	11	1		
4 months	7	3	4	-	-	3	4		
5 months	10	5	5	1	-	4	5		
6 months	6	4	2	3	-	1	2		
7 months	5	2	3	1	2	1	1		
8 months	9	6	3	1	-	5	3		
9 months	8	2	6	-	1	2	5		
10 months	7	4	3	-	2	4	1		
11 months	5	2	3	-	1	2	2		

TABLE 10.—DEATHS UNDER 1 YEAR AND UNDER 28 DAYS, FROM 45 SELECTED CAUSES, BY RACE: ALASKA, 1949

(Exclusive of fetal deaths. Numbers after causes of death are category numbers of the Sixth Revision of the International Lists, 1948. Causes in the selected list (table 11, Puerto Rico) for which there were no deaths are not shown)

CAUSE OF DEATH	ALL RACES			WHITE			NATIVE			ALL OTHER		
	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months	Under 1 year	Under 28 days	28 days-11 months
ALL CAUSES	168	74	94	50	34	16	116	40	78	-	-	-
Tuberculosis, all forms-----001-019	16	-	16	-	-	-	18	-	16	-	-	-
All other infective and parasitic diseases-----030-044,049-055,057-139	5	-	5	-	-	-	5	-	5	-	-	-
Diseases of thymus gland-----275	1	-	1	1	-	1	-	-	-	-	-	-
Meningitis, except meningococcal and tuberculous-----340	2	-	2	1	-	1	1	-	1	-	-	-
Influenza and pneumonia, except pneumonia of newborn-----480-493	33	1	32	5	-	5	28	1	27	-	-	-
Influenza-----480-483	4	1	3	-	-	-	4	1	3	-	-	-
Pneumonia, except pneumonia of newborn-----490-495	29	-	29	5	-	5	24	-	24	-	-	-
All other diseases of respiratory system-----470-475,500-527	9	3	6	-	-	-	9	3	6	-	-	-
Hernia and intestinal obstruction-----560,561,570	1	-	1	1	-	1	-	-	-	-	-	-
Gastritis, duodenitis, enteritis, and colitis, except diarrhea of newborn-----543,571,572	2	-	2	-	-	-	2	-	2	-	-	-
Congenital malformations-----750-759	13	11	2	5	4	1	8	7	1	-	-	-
Congenital malformations of circulatory system-----754	6	6	-	1	1	-	5	5	-	-	-	-
All other congenital malformations-----750,752,753,755-759	7	5	2	4	3	1	3	2	1	-	-	-
Certain diseases of early infancy-----760-776	57	52	5	30	29	1	27	23	4	-	-	-
Birth injuries-----760,761	8	8	-	5	5	-	5	3	-	-	-	-
Without mention of immaturity (.0)	6	6	-	4	4	-	2	2	-	-	-	-
With immaturity (.5)	2	2	-	1	1	-	1	1	-	-	-	-
Intracranial and spinal injury at birth-----760	4	4	-	3	3	-	1	1	-	-	-	-
Without mention of immaturity (.0)	3	3	-	2	2	-	1	1	-	-	-	-
With immaturity (.5)	1	1	-	1	1	-	-	-	-	-	-	-
Other birth injury-----761	4	4	-	2	2	-	2	2	-	-	-	-
Without mention of immaturity (.0)	3	3	-	2	2	-	1	1	-	-	-	-
With immaturity (.5)	1	1	-	1	1	-	1	1	-	-	-	-
Postnatal asphyxia and atelectasis-----762	7	7	-	4	4	-	3	3	-	-	-	-
Without mention of immaturity (.0)	4	4	-	3	3	-	1	1	-	-	-	-
With immaturity (.5)	3	3	-	1	1	-	2	2	-	-	-	-
Pneumonia of newborn-----763	6	6	-	1	1	-	5	5	-	-	-	-
Without mention of immaturity (.0)	5	5	-	-	-	-	5	5	-	-	-	-
With immaturity (.5)	1	1	-	1	1	-	-	-	-	-	-	-
Ill-defined diseases peculiar to early infancy, including nutritional maladjustment-----772,773	15	10	5	7	6	1	8	4	4	-	-	-
Without mention of immaturity (.0)	8	4	4	1	-	1	7	4	3	-	-	-
With immaturity (.5)	7	6	1	6	6	-	1	1	1	-	-	-
Immaturity with mention of any other subsidiary condition-----774	1	1	-	1	1	-	-	-	-	-	-	-
Immaturity unqualified-----776	20	20	-	12	12	-	8	8	-	-	-	-
Symptoms and ill-defined conditions-----780-785	14	4	10	-	-	-	14	4	10	-	-	-
All other diseases-----Residual	2	-	2	1	-	-	1	-	1	-	-	-
Accidents-----E800-E862	13	3	10	6	1	5	7	2	5	-	-	-
Inhalation and ingestion of food or other object causing obstruction or suffocation-----E821,E822	1	-	1	1	-	1	-	-	-	-	-	-
Accidental mechanical suffocation in bed and cradle-----E824	6	2	4	2	-	2	4	2	2	-	-	-
All other accidental causes-----E800-E820,E823,E825-E862	6	1	5	3	1	2	3	-	3	-	-	-